Tandy®

Exclusive Products for 1982/83 by the Leader in Consumer Electronics/Microcomputer Retailing and Manufacturing, The Nationwide Supermarket of Sound

A "Realistic™ Everything System" to expand your listening pleasure. At the heart of the system is the new STA-790 stereo receiver with a built-in seven band graphic equalizer that allows you to tailor the superb hi-fi sound to suit the acoustics of your room. To this we've added a pair of Optimus-43 three-way bass reflex speakers, with 10" woofers and acoustically isolated 5" midrange units for optimum performance and our LAB-290 belt drive turntable with R47EDT magnetic cartridge. The new SCT-29 metal capable cassette deck with soft touch controls completes the package. To bring the "Realistic Everything System" within easy reach we've cut the 'separate items price' by 22% when you buy the complete system.

Expand Your Hi-Fi Horizons!

Save £140.75

£499

Normal Separate Items Price £639.75

A Convenient Combination of Two Most-Wanted Components.

- *MW/FM Digital Frequency Display With FM Stereo Indicator*
- *Dual Five-Segment LED Audio Level Meters*
- *Dolby* NR Reduces Tape Hiss and Record Scratch*
- *Exclusive Auto-Magic™ FM Fine-Tuning System*

£259.95

Available Nov. 30th

NEW FOR 83

This Realistic™ Stereo Cassette Receiver Puts It All Together

20 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.1% total harmonic distortion.

Realistic SCR-3000. Now you can have an MW/FM stereo receiver and top-quality cassette recording deck in a single space-efficient enclosure without sacrificing the hi-fi features you'd expect with separate components. Receiver has separate bass and treble controls, volume knob with concentric balance control, pushbutton function selectors. Cassette deck features logic simulated soft-touch tape transport controls, pushbutton selectors for metal, CrO_2 and normal tape formulations, separate record-level controls, two mike jacks, tape counter. LED indicators for Dolby* NR, record, tape, phono and aux.. Our cassette/receiver gives you the best of both worlds, and at a lower price than you might expect to pay for separates with the same features!
31-1996 ..... **£259.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 83 dB phono, 85 dB aux.. **Phono Input Overload:** 105 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Separation (at 1 kHz):** 45 dB. **CASSETTE. Frequency Response ± 3 dB:** 30-19,000 Hz (metal), 30-16,000 Hz (Cr02), 30-14,000 Hz (normal). **Wow and Flutter:** Less than 0.07% WRMS. **Signal-to-Noise Ratio:** 60 dB (Dolby "on", CCIR weighted). **Distortion:** Less than 1.5% THD. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, main speakers, headphone jack, mag. phono, aux.. record out, phono ground. **SIZE:** 4⅝ x 17⅜ x 11". *TM Dolby Laboratories Inc.

Save £60.85 Reg. Separate Items £359.85 **£299**

- *Realistic SCR-3000 Stereo Cassette/Receiver With Dolby NR and Auto-Magic FM Fine-Tuning*
- *Two Minimus-11 Die-Cast Metal Speaker Systems With 5" Woofer and Acoustically-Aligned 2½" Horn-Loaded Tweeter*

Two Colour, Fast-Response LED Meters For Easy Record-Level Setting

4-Digit Display Shows Exact FM and MW Frequencies

REALISTIC - THE FAMOUS BRAND NOW SOLD IN 80 COUNTRIES WORLDWIDE

Tandy® is 40 Million Satisfied Customers Enjoying Personal Service at Over 8400 Locations in 80 Countries

We're Also the Electronics Store That Owns and Operates 29 of its own Manufacturing Plants Worldwide!

Tandy, a 62-year-old company owned by Tandy Corporation (NYSE), manufactures about 50% of the products it sells. Self-manufacturing — whether it's a computer, a telephone or a cassette tape — helps us keep quality high, costs down, and customers happy. Over 7250 people work in 2,268,000 square feet of manufacturing, assembly and packaging space in California, Iowa, New Jersey, Texas, Canada, France, Japan, South Korea and Taiwan.

Tandy is the Store With Exclusive Brands, World Famous for Quality, and Backed by Service

Tandy products are either built by us, or custom-made for us and no one else. Our quality control engineers maintain high standards, so you can be sure of dependability. In addition, products are backed by meaningful warranties. Expert service and original factory parts are available through our stores everywhere.

Tandy is the Store With Friendly, Informed Salespeople

Because they deal only in our brands, they know the products and can answer your questions. You get *personal* service at Tandy! If you live in a smaller community or rural area, a store near you may be a Dealer in Tandy merchandise - look for our sign.

Tandy Computer Centres— Specializing in Our TRS-80™ Line

Our complete line of computer and electronic equipment is on display at our 22 Computer Centres in the UK and 260 around the world. Professionals can answer your questions in plain language, arrange hands-on equipment demonstrations, and explain our leasing and service plans. Classroom training is also available. Most Tandy Computer Centres also have on-site service facilities. They are your one-stop "shopping centre" for the world's best supported microcomputer - the TRS-80. You may place your order at the Computer Centre or at the Tandy store or dealer nearest you.

USE YOUR CREDIT CARD TO BUY TODAY!

Access and Barclaycard honoured at Tandy Stores and most participating Dealers.

Ask your local Tandy store manager about the NEW Tandy Personal Credit Card - it's like having a *personal* account at each of our 300 stores. Spread the cost of your purchases with easy monthly payments. It means no waiting for prices to rise - simply choose what you want - and present your card!

Access — Buy it with Access · VISA · Tandy Personal Credit Card

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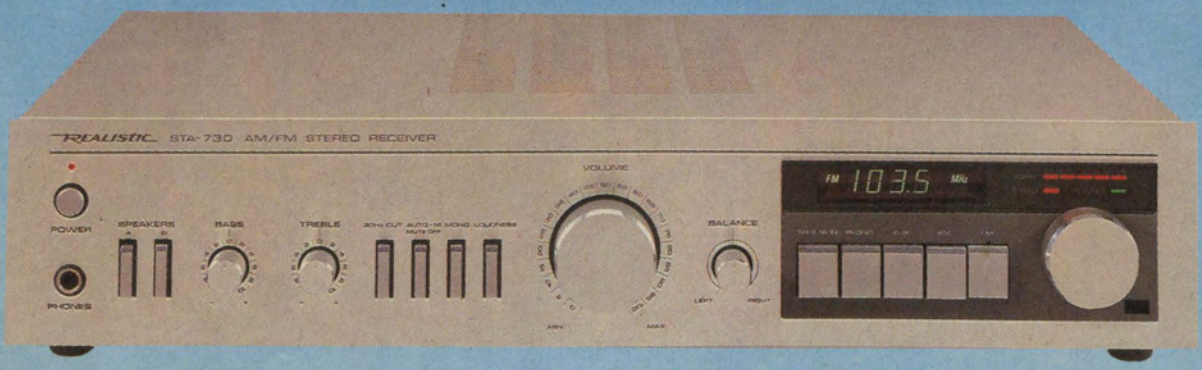
Prices shown are cash prices and are subject to change without notice. Prices apply to participating stores and dealers in the UK. Tandy cannot be liable for pictorial or typographical errors.

Our Lowest-Cost Digital Frequency Display Receiver

Auto-Magic™ Tuning Locks in FM Stations Precisely

NEW FOR 83



27 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

£199.95

Avail. Oct. 30th 1982

- ***5-Segment LED MW/FM Signal Strength Indicator***
- ***"30 Hz Cut" Pushbutton Limits Subsonic Distortion, Conserves Power***
- ***Clean, Space-Efficient Styling • Easy Operation***

Realistic STA-730. We've replaced the tuning dial and pointer with an easy-to-see fluorescent readout. LED FM stereo and perfect-tuning indicators and fluorescent MHz, kHz, FM and AM displays. The "30-Hz Cut" eliminates turntable rumble, helps protect speaker, reduces over-boosted bass and conserves power, too. Other luxury "touches" are six "thin-line" pushbuttons for A/B Speaker pairs, Auto-Magic, Mono/FM Mute Off, and Loudness. Ten-step bass and treble controls, separate volume and balance controls. Luxurious brushed "champagne-silver" cabinet. It all adds up to great sound for surprisingly little cost!
31-2003 ..... **£199.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 81 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts. **Capture Ratio:** 1 dB. **Signal-to-Noise Ratio:** 65 dB. **Image Rejection:** 55 dB. **Stereo Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 45 dB. **EXTERNAL CONNECTIONS:** MW antenna, 75/300-ohm FM Antenna, mag. phono, aux. tape in/out jacks, A and B speaker pairs, headphone jack, phono ground. **SIZE:** 3¾ x 16½ x 12¼".

GOOD

Save £30.80 Reg. Separate Items £319.80 **£289**

- ***Realistic STA-730 Stereo Receiver***
- ***Two Minimus-7W Walnut Veneer Speaker Systems***
- ***LAB-100 Belt-Drive Turntable With ADC QLM 30 MK III Cartridge***

BETTER

Save £30.80 Reg. Separate Items £359.80 **£329**

- ***Realistic STA-730 Stereo Receiver***
- ***Two Minimus-11 Speaker Systems***
- ***LAB-150 Belt-Drive Turntable With ADC QLM 30 MK III Cartridge***

BEST

Save £40.80 Reg. Separate Items £429.80 **£389**

- ***Realistic STA-730 Stereo Receiver***
- ***Two Optimus-30 Walnut-Veneer Speaker Systems***
- ***LAB-290 Belt-Drive Turntable With £14.95 Realistic/Shure Cartridge***

PROTECT YOUR RECORDS AND TAPES WITH AUDIO ACCESSORIES FROM TANDY

Digital Synthesized Receiver With 12-Station Memory

"System Eleven" Advanced Slim-Line Design With Special Equalizer to Enhance Bass From Mini-Speakers

30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

- *Sleek 3¼"-High "Champagne-Silver" Case*
- *Microprocessor Memory Holds 6 FM and 6 MW Stations*
- *Precise Tuning With Digital Frequency Readout*

£269.95

Realistic STA-111. No more "tuning the dial"! Just hold the tuning button in forward or reverse mode, and the digital circuit scans from each station to the next, tuning it in precisely. A big fluorescent digital readout shows the exact frequency. Enter the frequencies of your favourite stations in memory, then recall them *instantly* with just the touch of a button! Seven-segment LED MW/FM signal strength indicator. A special equalization changeover switch "tailors" output to match our Minimus-series and other mini-speakers. Detented bass, midrange and treble controls, too. Protective circuitry is built-in. **31-2002** ... **£269.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 100 dB aux. **Phono Input Overload:** 130 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.0 dB. **Signal-to-Noise Ratio:** 70 dB. **Image Rejection:** 75 dB. **Stereo Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 45 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, mag. phono, aux. tape in/out jacks, A and B speaker pairs, headphone jack, phono ground. **SIZE:** 3¼ x 17⅝ x 14¼".

GOOD

Save £40.80 Reg. Separate Items £419.80 **£379**

- *Realistic STA-111 Stereo Receiver*
- *Two Minimus-7 Die-Cast Speakers*
- *LAB-290 Belt-Drive Turntable With £14.95 Realistic/Shure Cartridge*

Realistic Brings You New Digital Technology To Make Tuning a Pleasure

Now you can have fingertip access to every FM and MW station instantly, accurately, quietly. Soft-touch buttons take you to the exact centre of the station. How ? The tuner's digital synthesized circuit uses a precision quartz crystal to correct its tuning more than 11-million times per second! This locks it exactly on-channel. You can't mis-tune! Off-channel distortion is a thing of the past, with our Realistic brand *digital tuning!*

BEST

Save £60.80 Reg. Separate Items £519.80 **£459**

- *Realistic STA-111 Stereo Receiver*
- *Two MC-1401 Speakers*
- *LAB-440 Direct-Drive Turntable With £29.95 Realistic/Shure Cartridge*

BETTER

Save £50.80 Reg. Separate Items £489.80 **£439**

- *Realistic STA-111 Stereo Receiver*
- *Two Minimus-11 Die-Cast Speakers*
- *LAB-395 Direct-Drive Turntable With £14.95 Realistic/Shure Cartridge*

Digital-Synthesized Tuning! Computerized Memory!

50 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

£299.95

- ***Precise Quartz-Locked, Digital Tuning for Best Reception***
- ***Microprocessor Memory Stores 12 Stations - 6 FM and 6 MW***
- ***Fluorescent Digital Readout Shows Exact Frequency***

"We found it a thoroughly fine receiver at a very reasonable price."* - Stereo Review

Realistic STA-2250. Touch a button to scan up or down the bands automatically or manually - the system stops at each station, tunes it with pin-point accuracy, and displays the exact frequency on the readout. Program the memory for instant recall of your favourite stations. FM muting blanks out interstation tuning noise, and a Hi-MPX filter cleans up weak stereo signals. Six-level LED MW/FM signal strength meter. High and low filters help remove record scratch and rumble. Also has up-front tape monitoring and dubbing controls, 11-step bass, midrange and treble. 40-step volume with concentric balance control, stereo/mono switch. Overheat/overload protected. **31-2095** **£299.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 170 millivolts. **FM TUNER. Sensitivity (IHF):** 2 microvolts (11.3 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 67 dB at 1 millivolt. **Alternate Channel Selectivity:** 65 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, magnetic phono, aux. phono-type and DIN-type jacks for Tape 1 and Tape 2 input and output. Phono ground. **SIZE:** 5⅛ x 19⅜ x 13¾".

*Quoted with permission from Hirsch-Houck Test Labs Report, April 1981 Stereo Review.
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GOOD

Save £50.80 Reg. Separate Items £529.80 **£479**

- ***Realistic STA-2250 Receiver***
- ***Two Optimus-30 Walnut Veneer Speaker Systems***
- ***LAB-290 Belt-Drive Turntable With £14.95 Realistic/Shure Cartridge***

BETTER

Save £70.80 Reg. Separate Items £689.80 **£619**

- ***Realistic STA-2250 Receiver***
- ***Two Optimus T-110 Walnut Veneer "Tower" Speaker Systems***
- ***LAB-440 Direct-Drive Turntable With £29.95 Realistic/Shure Cartridge***

BEST

Save £90.70 Reg. Separate Items £889.70 **£799**

- ***Realistic STA-2250 Digital-Synthesized Receiver***
- ***Two Optimus-43 Walnut Veneer Speaker Systems***
- ***LAB-395 Direct-Drive Turntable With £14.95 Realistic/Shure Cartridge***
- ***SCT-27 Metal-Capable Stereo Cassette Deck With Dolby* NR***
- ***Rolling Audio Rack in Walnut-Grained Vinyl Veneer***

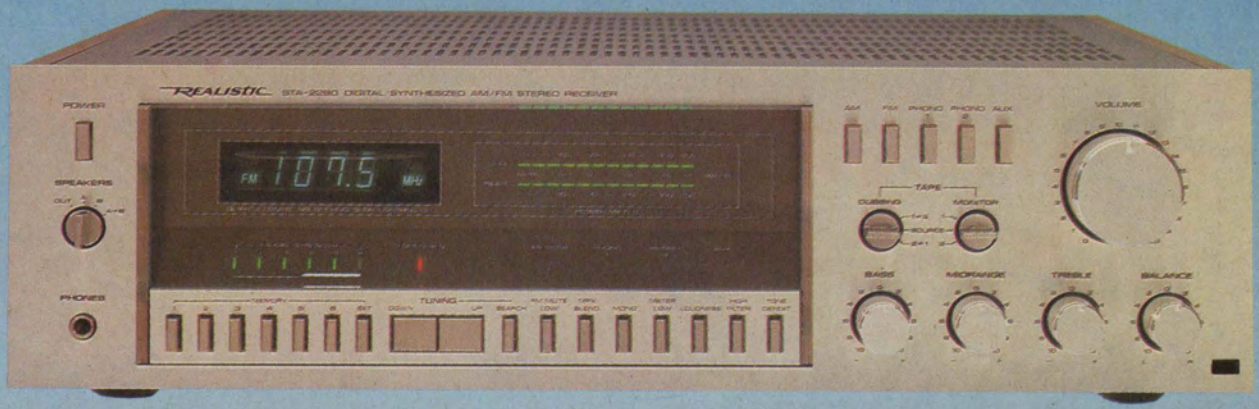
*TM Dolby Laboratories, Inc.

REALISTIC™ - WE HAVE SPEAKERS FOR EVERY PURPOSE

Our Top-of-the-Line Digital-Synthesized "Powerhouse"

Precision Quartz Crystal Locks Tuner on Station

90 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion



- *Memory Stores 12 Stations - 6 FM and 6 MW - for Instant Recall*
- *LED Signal Strength and Output Power Meters*
- *Separate 21-Step Bass, Treble and Midrange Controls*
- *Human-Engineered Controls for Ease of Operation*

£429.95

Realistic STA-2290. One of the finest receivers we've ever offered! You get the latest in microprocessor and audio technology for sonic purity and versatility. Exact FM or MW frequency is displayed on the large fluorescent readout with FM, MW, MHz and kHz indicators. Feather-touch tuning lets you manually move up or down the FM band in 200 kHz steps and 10 kHz steps on MW or use the Search mode to automatically scan up or down to the next station. Features inputs and outputs for two tape decks with tape monitoring and dubbing capabilities. Three linear-phase ceramic filters provide superb selectivity with low distortion. Fully protected against overheating and overload. **31-3009** **£429.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 230 millivolts. **FM TUNER. Sensitivity (IHF):** 1.8 microvolts (10.33 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 74 dB. **Alternate Channel Selectivity:** 70 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 50 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A/B speaker pairs, headphone jack, preamp out, main amp. in, phono and DIN-type jacks for Tape-1 and 2 in/out, Phono-1 and 2 input jacks, phono ground. **SIZE:** 5⅝ x 19½ x 16⅛".

GOOD

Save £90.80 Reg. Separate Items £789.80 **£699**

- *Realistic STA-2290 Receiver*
- *Two Optimus T-110 Walnut Veneer "Tower" Speakers*
- *LAB-395 Direct-Drive Turntable With £14.95 Realistic/Shure Cartridge*

BEST

Save £150.60 Reg. Separate Items £1479.60 **£1329**

- *Realistic STA-2290 Digital-Synthesized Receiver*
- *Two Optimus T-200 "Tower" Speaker Systems*
- *LAB-2000 Linear-Tracking Direct-Drive Turntable*
- *Ten-Band Equalizer*
- *SCT-33 Cassette Deck*
- *Deluxe Rolling Audio Rack*
- *PRO-60 Stereo Headphones*

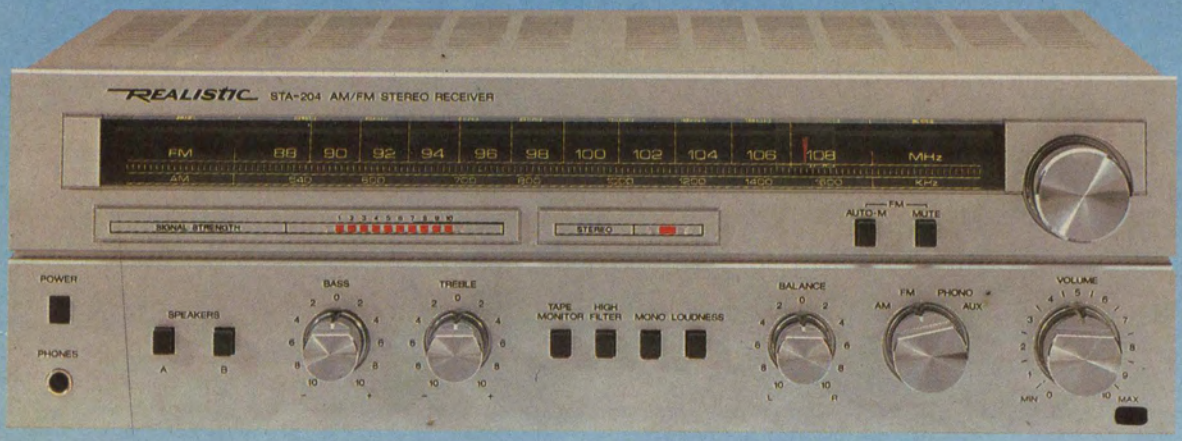
BETTER

Save £100.80 Reg. Separate Items £899.80 **£799**

- *Realistic STA-2290 Receiver*
- *Two Mach One Liquid-Cooled Speaker Systems*
- *LAB-440 Direct-Drive Turntable With £29.95 Realistic/Shure Cartridge*

SEE TANDY FOR A FULL RANGE OF HI-FI ACCESSORIES!

Realistic™ Stereo - Easy to Use, and Easy to Afford



NEW FOR 83

16 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

- ***Exclusive Auto-Magic™ Fine-Tunes and Locks-In FM***
- ***10-Segment LED MW/FM Signal Strength Meter***
- ***Separate 11-Step Bass and Treble Adjustment Controls***
- ***FM Mute Circuit Eliminates Interstation Tuning Noise***

£149.95

Realistic STA-204. An inexpensive way to make the move up to quality component hi-fi! The tuner section features extra-high sensitivity combined with exceptionally low noise. Auto-Magic fine-tunes FM stations and locks them on-frequency. Special circuitry automatically activates a unique rumble filter when the bass control is moved from its centre position. High-filter reduces hiss and record scratch. Loudness boosts high and low frequencies for full-range sound even at low volume levels. Centre-detent balance controls, LED FM stereo indicator, mono/stereo button, tape monitor, lighted dial.
31-2099 ..... **£149.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 78 dB phono, 90 dB aux. **Phono Input Overload:** 100 millivolts. **FM TUNER. Sensitivity (IHF):** 2.5 microvolts (13.2 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 73 dB. **Alternate Channel Selectivity:** 52 dB. **Image Rejection:** 55 dB. **Stereo Harmonic Distortion:** 0.4%. **Stereo Separation (at 1 kHz):** 43 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out, magnetic phono, DIN-type tape in/out, aux., phono ground. **SIZE:** 4⅞ x 15⅝ x 8".

Save £60.70

£349
Reg. Separate Items £409.70

* TM Dolby Laboratories, Inc.

- ***Realistic STA-204 MW/FM Stereo Receiver***
- ***Two Minimus-55 Walnut Vinyl Veneer Speaker Systems***
- ***LAB-150 Belt-Drive Semi-Automatic Turntable With ADC QLM 30 MK III Cartridge***
- ***SCT-24 Metal-Capable Stereo Cassette Deck With Dolby NR****
- ***Custom-Designed Audio Rack in Walnut Vinyl Veneer***

Buy a Complete System to Save Money and Assure a Proper "Match"

Take the guesswork out of hi-fi shopping! Visit your nearby Tandy store to see and hear what's *really* new in stereo - matched systems. Now it's easy to buy an attractive, well-balanced system - without worrying about power ratings, correct speaker impedance and other confusing technical factors. We do the combining for you - saving you a lot of driving, footwork and time. Let one of our expert sales-people give you a personal hands-on demonstration soon!

Save £56.75 **Reg. Separate Items £375.75** **£319**

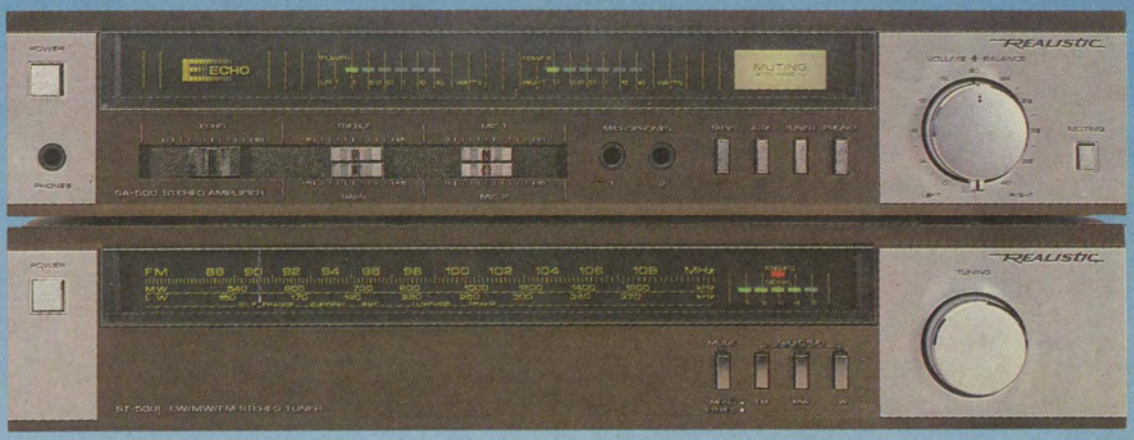
- ***Realistic STA-204 MW/FM Stereo Receiver***
- ***Two Minimus-22 Die-Cast Metal Speaker Systems***
- ***LAB-100 Belt-Drive Automatic Turntable With ADC QLM 30 MK III***
- ***SCT-24 Stereo Cassette Deck With Dolby NR***

GET IT FROM TANDY - ACCESS AND BARCLAYCARD HONOURED AT ALL STORES

Hi-Fi Tuner and Amplifier Combo For Music Lovers

NEW FOR 83

30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion



Specifications:

AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 78 dB phono, 92 dB. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 2.5 microvolts (13.2 dBf). **Capture Ratio:** 2.0 dB. **Signal-to-Noise Ratio:** 70 dB. **Image Rejection:** 44 dB. **Stereo Harmonic Distortion:** 0.6%. **Stereo Separation (at 1 kHz):** 36 dB. **EXTERNAL CONNECTIONS:** MW and 300-ohm FM antennas, mag. phono, aux, tape in/out, mixed output, speaker pair, phono ground, antenna ground. **SIZE:** 3¼ x 16⅞ x 9¼", each unit.

BOTH FOR ONLY

£259.95

Available Oct. 30th

- ***Exciting Microphone Echo Feature With Variable Intensity Control***
- ***Auto-Fade In/Out Eliminates "Pops" When Switching Functions***
- ***Dual 6-Segment LED Output Power Meters***
- ***5-Segment LED AM/FM Signal Strength Meter Aids for Easy Tuning***

Realistic SA-500/ST-500L. What a pair! This stereo amplifier and tuner share tasteful slim-line styling and a wealth of innovative studio-like features. The amplifier's special muting system automatically fades audio in and out when switching functions. Slide-action controls for bass, treble, mike-level and echo, special "fading green lamp" indicator for Auto-Fade, large volume knob, centre-detent balance control and two ¼" mike inputs. Pushbuttons for phono, tuner, tape, aux. and power. LW/MW/FM tuner features edge-lit slide-rule tuning dial, LED FM stereo indicator and mono/stereo button. Give this dynamic duo a listen soon! **31-9046** **£259.95**

Unique Voice-Over/Accompaniment Lets *You* Join In the Music

Our SA-500/ST-500L lets you do *more* than just listen! Plug in a pair of mikes to add your voice to amplified music, amplify a musical instrument, or use the system as a PA! Variable Echo feature works with mikes to achieve dramatic effects.

Save £80.75 Reg. Separate Items £559.75 **£479**

- ***Realistic SA-500/ST-500L LW/MW/FM Stereo Tuner/Amplifier***
- ***Two Minimus-65 Speaker Systems***
- ***LAB-290 Belt-Drive Turntable With Realistic/Shure Cartridge***
- ***SCT-500 Metal-Capable Stereo Cassette Deck***

Save £110.70

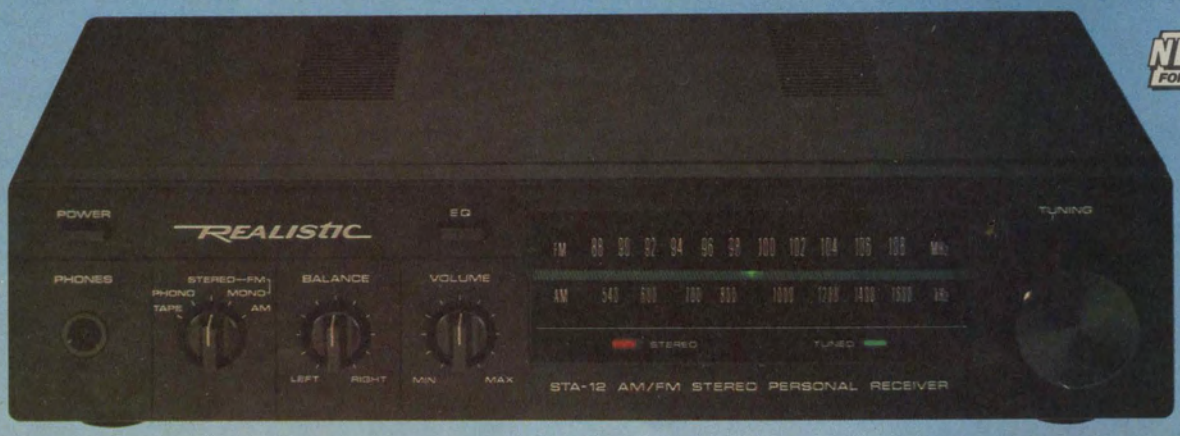
£599

Reg. Separate Items £709.70

- ***Realistic SA-500/ST-500L LW/MW/FM Stereo Tuner/Amplifier***
- ***Two Optimus-30 Walnut Veneer Speaker Systems***
- ***LAB-395 Direct-Drive Turntable With Realistic/Shure Cartridge***
- ***SCT-500 Stereo Cassette Deck With Auto-Search Music System***
- ***Rolling Audio Rack in Walnut-Grained Vinyl Veneer***

Big-Stereo Performance in a Personal-Size Receiver

So Small It Fits Almost Anywhere! Packed With Deluxe Features



NEW FOR 83

5 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% total harmonic distortion

High-Performance, 10-Watt Background Music System

GOOD

Save £8.90 Reg. Separate Items £102.90 **£94**

- *Realistic STA-12 Personal Receiver*
- *Minimus-3.5 Full-Range Speaker*

£89.95

Available Jan. 15th, 1983

- *Loudness Button for Enhanced Bass at Low Volume Levels*
- *Easy-to-Read Tuning Dial With LED Frequency Pointer*
- *Exclusive Auto-Magic™ Fine-Tunes and Locks-In FM Stations*
- *Stereo Headphone Jack • FM Stereo and Tuning LED's*

Realistic STA-12. Don't be fooled by its small size - just 10⅜ wide - it's a solid performer that delivers superb sound, yet so small it's even at honme on a desktop! Use the STA-12 to power a small system in a bedroom or office, or a second system in your den or shop! Unique rear panel "BTL" switch boosts output power to 10 watts or mono for use as a space-efficient background system. Has separate balance and volume controls, pushbuttons for loudness and power, function switch for FM mono, FM stereo, MW, phono and tape, green LED "Tuned" indicator and red LED FM stereo indicator. Finished in black. **31-1965** **£89.95**

Specifications:
AMPLIFIER. Frequency Response: 40-20,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 70 dB phono, 72 dB aux. **FM TUNER. Sensitivity (IHF):** 7.0 microvolts (22.3 dBF). **Capture Ratio:** 3.0 dB. **Signal-to-Noise Ratio:** 60 dB. **Alternate Channel Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 1.0%. **Stereo Separation (at 1 kHz):** 35 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, main speaker pair, headphone jack, tape in/out, mag. phono, phono ground. **SIZE:** 2⅝ x 10⅜ x 6¾".

BETTER

Save £15.85 Reg. Separate Items £149.85 **£134**

- *Realistic STA-12 MW/FM Stereo Personal Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*

BEST PHONO

Save £20.80 Reg. Separate Items £209.80 **£189**

- *STA-12 MW/FM Personal Stereo Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*
- *LAB 150 Turntable With ADC QLM 30 MK III Cartridge*

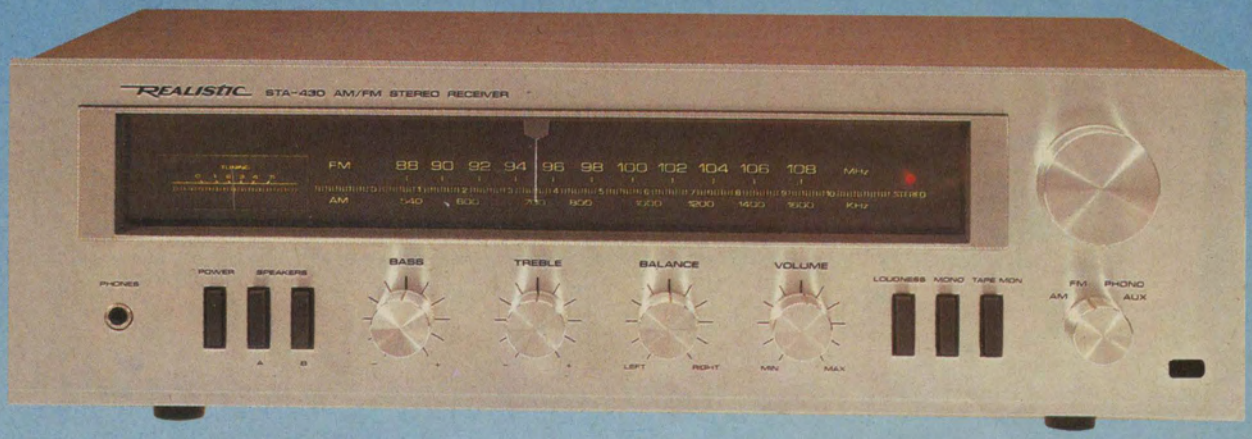
BEST TAPE

Save £20.80 Reg. Separate Items £219.80 **£199**

- *STA-12 MW/FM Personal Stereo Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*
- *SCP-5 Stereo Cassette Deck*

A Low-Cost Receiver — Perfect for Your First System

10 watts per channel minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.6% total harmonic distortion



- *Clean Styling • Attractive Brushed Aluminium Front Panel*
- *Tape Monitor Circuit for Use With Three-Head Decks*
- *Lighted Dial and Signal Strength Meter for Precise Tuning*

£99.95

Realistic STA-430. The craftsmanship, performance and looks you expect from Realistic, at a remarkably low price! It's a great start if you're putting together your first system. Loudness pushbutton enhances bass response for full-range sound when listening at low volume levels. Phase locked loop integrated circuit provides wide stereo channel separation and the direct-coupled power amplifier will drive two sets of speakers. Features A, B and both speaker-pair switching, centre-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator, stereo/mono switch. Walnut-grained vinyl veneer finish. **31-2092** **£99.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 89 dB phono, 72 dB aux. **Phono Input Overload:** 90 millivolts. **FM TUNER. Sensitivity (IHF):** 2.8 microvolts (14.1 dB). **Capture Ratio:** 3.0 dB. **Signal-to-Noise Ratio:** 65 dB. **Alternate Channel Selectivity:** 45 dB. **Image Rejection:** 50 dB. **Stereo Harmonic Distortion:** 0.6%. **Stereo Separation (at 1 kHz):** 34 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out, magnetic phono, aux., phono ground. **SIZE:** 5 11/16 x 16 7/8 x 12".

GOOD

Save £16.80 Reg. Separate Items £181.80 **£165**

- *Realistic STA-430 Receiver*
- *Two Minimus-17 Full-Range 5" Cube Speakers*
- *LAB-100 Turntable With ADC QLM 30 MK III Cartridge*

BEST

Save £35.80 Reg. Separate Items £289.80 **£254**

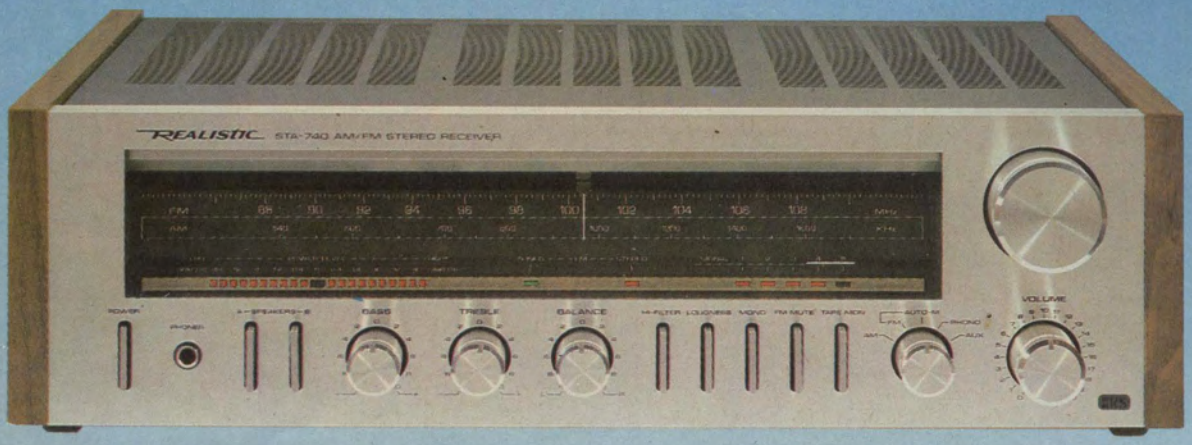
- *Realistic STA-430 MW/FM Stereo Receiver*
- *Two MC-1401 Walnut Veneer Speaker Systems*
- *LAB-290 Precision Belt Drive Turntable With Realistic/Shure Cartridge*

BETTER

Save £30.80 Reg. Separate Items £229.80 **£199**

- *Realistic STA-430 Receiver*
- *Two Minimus-7W Speaker Systems*
- *LAB-150 Turntable With ADC QLM 30 MK III Cartridge*

A Top-Value Receiver with Dual Power Meters



NEW FOR 83

40 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

£219.95

- ***Fast-Attack 21-Segment LED Power Level Meter***
- ***LED Signal Strength, FM Stereo and Tuning Indicators***
- ***Separate 39-Step Bass and Treble Controls***
- ***Auto-Magic Fine-Tunes and Locks-In FM Stations***

Realistic STA-740. Super value - high performance and lots of power at a low price! Loudness boosts bass for full-range sound even when you listen at low volumes. Hi-filter reduces hiss and record scratch. FM-Mute eliminates noise between stations when tuning. Pushbuttons for mono/stereo, tape monitor, A and B speaker-pair switching, power. Counterweighted, tuning knob, big 40-step volume control, centre-detent balance control, illuminated fluorescent tuning dial. Special circuitry cancels noise when switching functions. Twin overload protection circuits for long life reliability. All of this in a medium-sized case with walnut-grained vinyl veneer end panels. **31-2039** **£219.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, mag. phono, aux., phono-type and DIN-type tape in/out, A and B speaker pairs, headphone jack, phono ground, antenna ground. **SIZE:** 5½ x 18⅛ x 12".

GOOD

Save £40.80 Reg. Separate Items £379.80 **£339**

- ***Realistic STA-740 Receiver***
- ***Two MC-1401 Walnut Veneer Speaker Systems***
- ***LAB-150 Belt-Drive Turntable*** **With ADC QLM 30 MK III Cartridge**

BETTER

Save £50.80 Reg. Separate Items £449.80 **£399**

- ***Realistic STA-740 Receiver***
- ***Two Optimus-30 Walnut Veneer Speaker Systems***
- ***LAB-290 Belt Drive Turntable With £14.95 Realistic/Shure Cartridge***

BEST

Save £60.80 Reg. Separate Items £539.80 **£479**

- ***Realistic STA-740 MW/FM Stereo Receiver***
- ***Two Nova-10 Walnut-Veneer Speaker Systems***
- ***LAB-395 Direct-Drive Turntable With £14.95 Realistic/Shure Cartridge***

Receiver With Built-In 7-Band Graphic Equalizer

More Precise Adjustment Than With Conventional Tone Controls

NEW FOR 83

45 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.04% total harmonic distortion

Available October 30th

- *21-Segment LED Power Level Meter • EQ Bypass Button*
- *30 Hz "Cut" Pushbutton Reduces Hum and Rumble*
- *Auto-Magic Fine-Tunes and Locks-In FM Stations Automatically*
- *5-Segment MW/FM Signal Strength Indicator*

£249.95

Realistic STA-790. An exceptional receiver! Its stereo graphic frequency equalizer features seven slide-action controls to boost or cut audio response by up to 12 dB at 50 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz and 15 kHz. Ordinary tone controls can't compare! You also get an EQ bypass pushbutton for instant "flat" response. Features 40-step volume knob with concentric centre-detent balance control, pushbuttons for hi-filter, loudness, mono/stereo, FM mute, tape monitor A and B speaker-pair switching, LED tuning and FM stereo indicators. Protective circuitry against overload and overheating. **31-2067** **£249.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 68 dB phono, 92 dB aux. **Phono Input Overload:** 140 microvolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, mag. phono, aux., phono-type and DIN-type in/out, unswitched, phono ground, antenna ground. **SIZE:** 4⅜ x 18⅛ x 10½".

GOOD

Save £50.80 Reg. Separate Items £449.80 **£399**

- *Realistic STA-790 Receiver With Built-In 7-Band Equalizer*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- LAB-150 Belt-Drive Turntable With ADC QLM 30 MK III Cartridge

BEST

Save £70.80 Reg. Separate Items £639.80 **£569**

- *Realistic STA-790 MW/FM Stereo Receiver*
- *Two Optimus T-110 "Tower" Speaker Systems*
- *LAB-440 Direct-Drive Turntable With £29.95 Realistic/Shure Cartridge*

BETTER

Save £54.80 Reg. Separate Items £569.80 **£515**

- *Realistic STA-790 Receiver With Built-In 7-Band Equalizer*
- *Two Nova-10 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With £14.95 Realistic/Shure Cartridge*

Styled for Today and Loaded With Great Features

NEW FOR 83

50 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz. with no more than 0.05% total harmonic distortion

£259.95

- *LED Mode Indicators for MW, FM, Phono and Aux.*
- *Auto-Magic™ FM*
- *LED Signal Strength Meter*
- *LED FM Stereo Indicator and Tuning Indicators*
- *21-Segment LED Output Power Meter*

Realistic STA-850. The power, features and performance you want from your home music system! Tuner employs sophisticated technology to achieve high sensitivity with exceptionally low noise and distortion. Special noise-cancelling circuitry for silent switching, and FM mute eliminates interstation "hiss" when tuning. Exclusive Auto-Magic fine tunes FM stations and locks them on-frequency. Lighted slide-rule dial, counterweighted tuning knob, bass and treble controls, A/B/Both speaker-pair switching, selectable loudness, hi-filter, tape monitor, mono/stereo. Twin protection circuits guard against overheating and overloading.
31-2096 ..... **£259.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 130 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS.** MW and 75 or 300-ohm FM antennas, magnetic phono, aux., tape in/out, A and B speaker pairs, headphone jack, phono ground. **SIZE:** 6 7/16 x 18 7/8 x 11 3/8".

GOOD

Save £60.80 Reg. Separate Items £459.80 **£399**

- *Realistic STA-850 Stereo Receiver*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- *LAB-150 Belt-Drive Turntable With ADC QLM 30 MK III Cartridge*

BETTER

Save £60.80 Reg. Separate Items £549.80 **£489**

- *Realistic STA-850 Stereo Receiver*
- *Two Nova-10 Walnut Veneer Speaker Systems*
- *LAB-290 Belt-Drive Turntable With Realistic/Shure Cartridge*

BEST

Save £70.80 Reg. Separate Items £619.80 **£549**

- *Realistic STA-850 Stereo Receiver*
- *Two Optimus T-110 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With Realistic/Shure Cartridge*

Realistic's 2-Year Parts and Labour Limited Warranty

All Realistic STA-Series Receivers are warranted against defects for two years from date of purchase! Within this period, we will repair it without charge for parts and labour. Simply *bring your sales slip* as proof of purchase date to any Tandy store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage.

A Powerhouse for the Demanding Music Lover

80 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion

- *Up-Front Dubbing and Monitoring Switches for Two Tape Decks*
- *Lighted Signal Strength and FM Tuning Meters*
- *Right and Left-Channel Illuminated Power Output Meters*
- *18 Controls and a Complete Selection of Inputs and Outputs*
- *Separate 20-Step Bass, Treble and Midrange Controls*

£369.95

Realistic STA-2080. This receiver has what it takes to handle virtually any programme source. Inputs for two tape decks, two magnetic-cartridge phonos, and an aux. input for a third tape deck or audio soundrack from video source. You get plenty of reserve power for pure, undistorted sound at high volume levels. Counterweighted flywheel tuning knob, giant lighted dial and dual meters make it easy to tune. Built-in subsonic filter eliminates turntable rumble and the effects of warped records. Pushbuttons for hi-filter, loudness, tone defeat, stereo/mono. FM mute, Hi-MPX filter, A and B speaker pairs. Protective circuitry. Walnut veneer end panels. **31-3000** **£369.95**

Specifications:
AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 98 dB aux. **Phono Input Overload:** 200 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 70 dB. **Alternate Channel Selectivity:** 75 dB. **Image Ratio:** 80 dB. **Stereo Harmonic Distortion:** 0.3%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** MW and 75 or 300-ohm FM antennas, A/B speaker pairs, headphone jack, two mag. phono. aux. Tape 1 and 2 in/out phono and DIN-type jacks, main in/preamp out, phono ground. **SIZE:** 6⅞ x 20¼ x 17⅛".

GOOD

Save £70.80

Reg. Separate Items £729.80 **£659**

- *Realistic STA-2080 Stereo Receiver*
- *Two Optimus T-110 Walnut Veneer "Tower" Speaker Systems*
- *LAB-395 Direct-Drive Turntable With Realistic/Shure Cartridge*

BEST

Save £80.80

Reg. Separate Items £859.80 **£779**

- *Realistic STA-2080 Stereo Receiver*
- *Two Optimus T-200 Walnut Veneer "Tower" Speaker Systems*
- *LAB-2000 Linear-Tracking Direct-Drive Turntable With Low-Mass Cartridge*

BETTER

Save £80.80

Reg. Separate Items £839.80 **£759**

- *Realistic STA-2080 Stereo Receiver*
- *Two Mach One Liquid-Cooled Speaker Systems*
- *LAB-440 Direct-Drive Turntable With Realistic/Shure Cartridge*

Low-Cost Stereo Mini-Components Save Space

MW/FM Mini-Tuner and Mini-Amplifier

£39.95 Each

Realistic TM-102. For the budget-minded music lover! A perfect match for the amplifiers below, or for adding-on to a phono system. Even at this low price you get phase-locked loop circuitry for superb stereo, a ceramic filter to sharpen FM reception, and a lighted dial. Built-in MW antenna, plus terminals for external FM antenna. Brushed aluminium front panel. Walnut vinyl veneer case. 3½ x 9¼ x 7". **31-1964** **£39.95**

Realistic SA-102. Use this versatile amplifier with a tuner, tape deck, and magnetic or ceramic cartridge phono for fine-sounding stereo. Separate tone, balance and volume controls, speaker in/out and mono/stereo pushbuttons. Has headphone jack, tape-out jacks for recording. Brushed aluminium front panel. Walnut vinyl veneer case. 3¼ x 9¼ x 7". **31-1963** **£39.95**

Stereo Micro Amplifier

£24.95 *Inputs for Phono, Plus Tuner or Tape Deck!*

Realistic SA-10. Good sound at a bargain price. Switches for selecting ceramic phono or tape/tuner, and stereo/mono. Separate right and left channel volume controls, tone control. 3¼ x 7⅞ x 5½". **31-1982** **£24.95**

Micro Stereo System

Save £15.75 **£119** Reg. Separate Items £134.75

- *SA-10 Amp • TM-102 Tuner*
- *Two Minimus-0.5 Speakers*
- *LAB-100 Belt Drive Turntable*

Mini Stereo System

Save £22.75 Reg. Separate Items £171.75 **£149**

- *TM-102 Tuner • SA-102 Amplifier*
- *Two Minimus-17 Full-Range 5" Cube Speakers*
- *LAB-150 Belt Drive Turntable*

Bring Your System Together With An Audio Rack!

A **£39.95**

B **£59.95** NEW FOR 83

NEW FOR 83

NEW FOR 83

C **£89.95**

Show off your hi-fi with one of the excellent range of Tandy audio racks. All units come in flat packs, are easily assembled, look great, and move around on twin wheel castors. Finished in walnut vinyl veneer.
(Hi-Fi Components Not Included).

A A slim line audio rack ideal for hi-fi equipment up to 15½" in width. Features record section. Adjustable centre shelf. Size: 33 x 16⅝ x 14⅝". **42-7301** **£39.95**

B A stylish home for your hi-fi with hinged glass lid to turntable section. Adjustable centre shelf finished in black vinyl. Metal trim to shelf edges. Size: 34 x 18¼ x 18¼". **42-7300** **£59.95**

C De-Luxe audio rack features three black vinyl covered shelves with record rack. **42-9361** **£89.95**

D Stylish low-line design and attractive walnut vinyl veneer finish makes your hi-fi look and feel at home! Features slide in/out cassette storage shelf with storage capacity for 32 cassettes, record section, 2 adjustable shelves and 4 twin-wheel castors. Size: 20 x 35½ x 16½". **42-7302** **£44.95**

D NEW FOR 83 **£44.95**

SEE TANDY® FOR A COMPLETE SELECTION OF HEADPHONES

Beautiful Sound, Exceptional Operating Convenience

22 watts per channel minimum RMS into 8 ohms from 20-20,000 Hz with no more than 0.1% total harmonic distortion

- *LW/MW/FM Stereo Bands*
- *5 LED Mode Indicators • Tape Monitor*
- *11 Detent Bass & Treble, Centre-Detent Balance Controls for Exact Settings*

£189.95

Realistic STA-100L. The "heart" of a great system at a realistic price. One of our best sellers, it's designed for beautiful sound and operating convenience. The wide dial, balanced flywheel control and lighted signal meter make it easy to tune for best LW, MW and FM sound. FM muting silences tuning noise with the push of a button. You can listen with headphones only, main speakers only, remote speakers only, both pairs - or even reverse main speakers for perfect stereo imagery. There's also a loudness button, hi filter, tape monitor, a "hot" FM front end and phase-locked loop multiplex for wide FM stereo channel separation. **31-9041** ... **£189.95**

Specifications:
AMPLIFIER. Power Output at 8 ohms, 20-20,000 Hz, both channels driven: 22 watts RMS. **Total Harmonic Distortion - full power:** 0.15%. **Frequency Response at 1 watt** ± 1 dB, 20-20,000 Hz. **Signal-to-Noise Ratio:** (Phono) 65 dB. (Aux./Tape) 75 dB. **Input Sensitivity:** (Phono) 2.2 mV, (Aux./Tape) 160 mV. **FM TUNER: Signal-to-Noise Ratio at 98 MHz,** 65 dB. **Total Harmonic Distortion:** (Mono) 0.11% (Stereo) 0.15%. **Stereo Separation at 1 kHz:** 45 dB. **Image Rejection at 106 MHz:** 58 dB. **Capture Ratio:** 1.5. **MW TUNER: Terminal Sensitivity:** 300μV/m. **Image Rejection:** 40 dB. **Signal-to-Noise Ratio:** 37 dB. **Selectivity:** 22 dB. **Power Requirements:** 220/240v AC, 50 Hz. **Size:** 6¼ x 17⅜ x 11⅝".

GOOD

Save £30.80 Reg. Separate Items £309.80 **£279**

- *STA-100L LW/MW/FM Stereo Receiver*
- *Two MC-600 2-Way Bookshelf Speakers*
- *LAB-150 Belt Drive Turntable Including ADC QLM 30 Mark III Magnetic Cartridge*

BEST

Save £50.80 Reg. Separate Items £449.80 **£399**

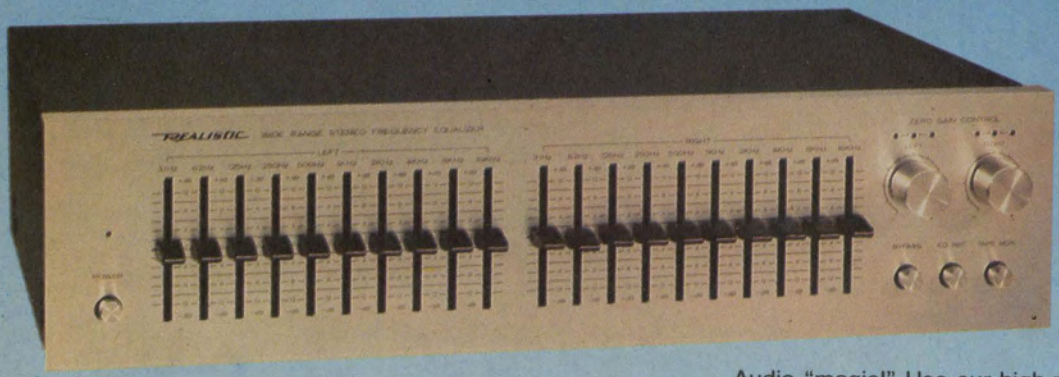
- *STA-100L LW/MW/FM Stereo Receiver*
- *Two Optimus-30 Speakers*
- *LAB-395 Direct Drive Turntable Including Realistic/Shure R47EDT Magnetic Cartridge*

BETTER

Save £40.80 Reg. Separate Items £359.80 **£319**

- *STA-100L LW/MW/FM Stereo Receiver*
- *MC-1201 2-Way Speakers*
- *LAB-290 Belt Drive Turntable Including Realistic/Shure R47EDT Magnetic Cartridge*

Enhance Your Music System With Realistic™ Accessories



10-Band, Wide-Range Frequency Equalizer

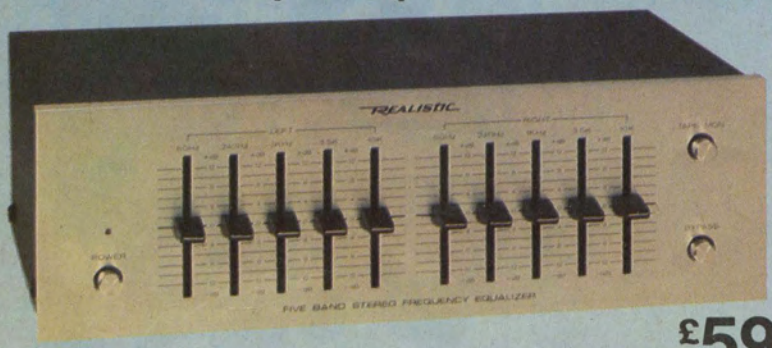
£129.95

Zero-Gain Level Controls With Six LED Indicators for Easy, Exact Level-Matching

Specifications:
Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000 and 16,000 Hz. **Frequency Response (Flat Setting):** 5 to 50,000 Hz ± 0.5 dB. **Tone Control Range:** ± 12 dB. **Harmonic Distortion:** 0.2% at 0.775-volt output. **Hum and Noise:** -80 dB (0.775-volt output). **Size:** 4½ x 16½ x 10¼".

Audio "magic!" Use our high-performance graphic equalizer to tailor the response of your stereo system to match the acoustics of any room ... highlight a vocalist ... add "punch" to certain instruments ... even minimise tape hiss, record scatches and turntable rumble! Features twenty boost/cut slide controls with detented flat positions. EQ record switch, tape monitor and tape in-out jacks, bypass button.
31-2000 ..... **£129.95**

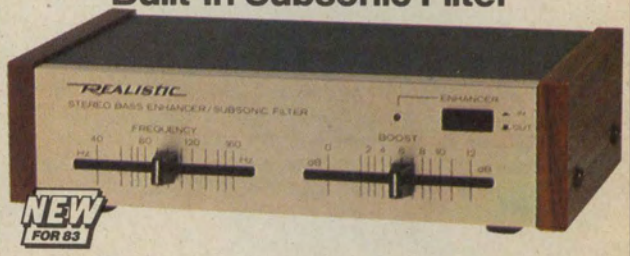
Five-band Graphic Equalizer - Great Value



£59.95

Boost or cut frequency response up to 12 dB at bands centred at 60, 240, 1000, 3500 and 10,000 Hz. It's like adding ten tone controls! Features tape monitor button, tape in/out jacks, ten precision slide controls with centre detents, bypass button for instant comparison to original sound. Black metal case, brushed aluminium front. 4¼ x 10¼x 6". **31-1988** **£59.95**

Stereo Bass Enhancer With Built-In Subsonic Filter

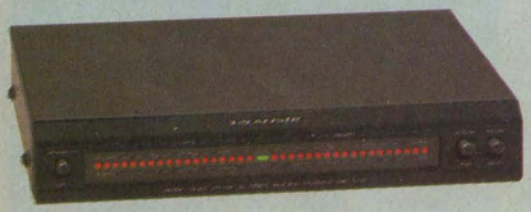


£29.95

Now — Get Amazing New Bass Response From Your Speakers

Increases deep bass response up to 12 dB and effectively reduces power-robbing subsonic distortion below 20 Hz. Makes small speakers sound like big ones! Continuously variable centre-frequency control: 40-160 Hz. 2⅛ x 7⅛ x 5¼". **42-2106** **£29.95**

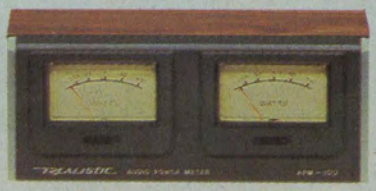
LED Audio Power Meter



Helps You Prevent Damage to Speakers **£39.95**

Realistic APM-300. A valuable addition to your music system. Meter monitors your audio power output with a fast attack 19-LED display that responds instantly to power bursts. Indicates the peak or RMS wattage being delivered to your speakers on either 0-2 watt or 0-200 watt ranges so you can avoid overdriving. Selectable 4 or 8-ohm input impedance. On-off switch. 1⅞ x 8¾ x 5⅝". **42-2104** **£39.95**

Low-Cost Audio Power Meter



Constantly Monitors Audio Power **£15.95**

Realistic APM-100. Low-cost audio power meter continuously monitors output power of stereo amplifier and receiver under operating conditions. Dual meters read 0-100 watts RMS at 4 or 8 ohms. DIN and screw speaker terminals. 3 x 6 x 2". Walnut vinyl veneer enclosure.
42-9400 ..... **£15.95**

Stereo Tape Control Centre

Monitor, Record and Dub With Up to 3 Tape Decks **£14.95**

Be in control of your recordings with this smart stereo tape control centre! It adds convenience to expanded stereo systems, eliminates patchcord "swapping"! Can also be used to switch equalizers, noise reduction systems, time delay devices and more. Connects to system's tape monitor jacks. Moulded case. 2¼ x 6¼ x 4¾".
42-2105 ..... **£14.95**

RETAIL PRICES IN THIS CATALOGUE MAY VARY AT INDIVIDUAL STORES AND DEALERS

Tandy® Stereo Home Entertainment Centres

Realistic Clarinette™ 390 Music Centre

£159.95

- *Belt Drive Turntable*
- *Ceramic Cartridge*
- *LW/MW/FM Tuner*
- *Strobe Controlled Turntable*
- *40-10,000 Hz Response*
- *Total Output 10 Watts*

Realistic Clarinette-390. LW/MW/FM stereo music centre. Record your own cassettes "off-the-air" or from the belt drive two-speed strobe controlled turntable - or use the mike jack. Recorder has pushbutton rewind, fast forward, play stop/eject and pause controls, and digital tape counter. LW/MW/FM tuner has aerial inputs for both FM and MW, plus mono/stereo switch. AFC to help lock into weak FM stations. Response: 40-10,000 Hz. Total output 10 watts - 5 watts per channel ± 10 dB. Console measures 19¼ x 12¾ x 5½".
13-9144 ..... **£159.95**

COMPLETE WITH MATCHING SPEAKERS

Compact Audio System

- *Belt Drive Turntable*
- *Tone Arm Cue/Pause Control*

£49.95

Realistic Clarinette-5. A stylish low-cost stereo record player. Features separate left and right speaker volume and tone controls. Removable dust cover and tone arm fitted with ceramic cartridge, two speed belt drive turntable with cue/pause control. Total power output - 6 watts, 3 watts per channel. Console measures 13½ x 10½ x 4¾". **13-9038** **£49.95**

Stereo Record Player

£69.95

- *Removable Dust Cover* • *Silver Finish*
- *Tape Deck Connection Facility*

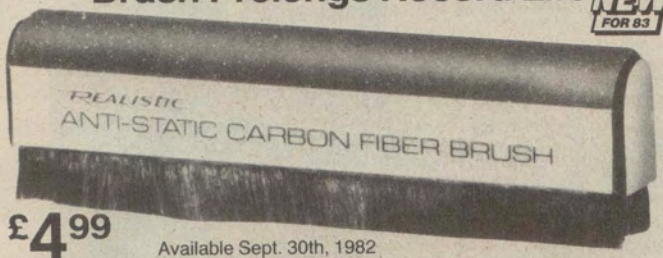
Realistic Clarinette-65. Low profile compact with clear dust cover and matching 'silver' speakers. The tone arm is fitted with a ceramic cartridge and the two speed belt drive turntable has precise strobe speed control. Socket for connection of a stereo tape deck. Console measures 15 x 13½ x 4¾". Maximum output 8 watts - 4 watts per channel, 8 ohms impedance.
13-9035 ..... **£69.95**

PROTECT YOUR RECORDS AND TAPES WITH AUDIO ACCESSORIES FROM TANDY!

Tandy® Accessories For Sound Quality

Anti-Static Carbon Fibre Record Brush Prolongs Record Life

NEW FOR 83



£4.99 Available Sept. 30th, 1982

Velvet-covered handle removes surface dust the professional way—over one million static-cutting fibres deep-clean your discs.
42-112 ..... £4.99

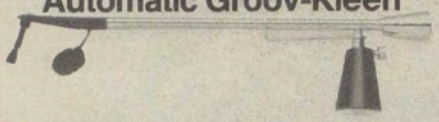
Hydro-Stor Record Care System Protects Your LP Collection

£6.99

With Liquid — Vapour penetrates velvet-surfaced cleaner, creates field of humidity that reduces static charges. 42-102 ..... £6.99

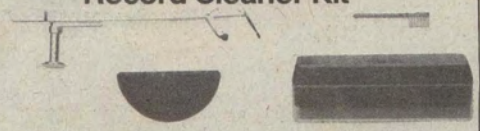
Exclusive fluid storage and distribution medium

Automatic Groov-Kleen



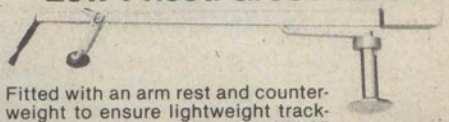
£4.79 Reduce record and stylus wear and improve reproduction. Adjustable counterweight with brush and roller. 42-9209 ..... £4.79

Record Cleaner Kit



£4.99 Includes automatic cleaner with roller, cleaning brush and handler. Takes the dust off safely and effectively. 42-9210 ..... £4.99

Low-Priced Groov-Kleen



Fitted with an arm rest and counterweight to ensure lightweight tracking. 42-9204 ..... £2.95

Replacement carrier, brush and self adhesive base. 42-9205 ..... 79p

£2.95

Stylus Brush Kit

£5.49 *Extend the Life of Your Stylus and Records*

Kit contains stylus brush, cleaning pad with built-in magnifying inspection mirror and cleaning fluid. 42-9310 £5.49

Cleaning Fluid

69p

Ionizer fluid — an ideal complement to cleaner (42-130). Enables anti-static agent to be re-activated. 42-9207 ... 69p

Cleaner Spray

£1.69

Spray penetrates deep into record grooves to remove dust and dirt. Reduces needle wear.
42-2500 ..... £1.69

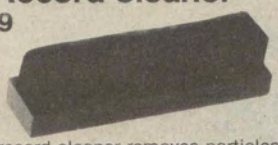
Stylus Cleaner Kit

£1.49

Special cleaning brush and fluid to keep your stylus in perfect condition. 42-9194 £1.49

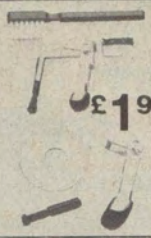
Record Cleaner

£1.39



Foam record cleaner removes particles and static electricity. Use wet or dry. Velvet covered. 42-130 ..... £1.39

Autochanger Groov-Kleen



£1.99

Cleans records as you play them. Complete with velvet and stylus cleaning brush.
42-9201 ..... £1.99
Replacement velvet carrier, brush and self adhesive base.
42-9205 ..... 79p

Anti-Static Cleaning Cloth

89p

Special chemical properties in the cloth discharge static electricity and preserve and protect your records. 42-9191 .... 89p

Clip-On Disc Brush/Arm Lift

49p Clean your records as you play them. Fits easily onto tone arm.
42-1073 ..... 49p

79p Cleans as record plays also provides finger-tip arm lift.
42-1072 ..... 79p

Stylus 'Micro' Scope

£1.29

Check your stylus for wear to prevent record damage. Pocket size. 42-2756 ..... £1.29

Deluxe Stylus Balance

£4.99

Balance your phono arm precisely to give correct playing weight. Ensures long life to records and stylus. 42-9208 ..... £4.99

Universal Tone Arm Head Shell

£2.99

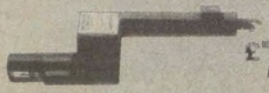
Fits most S-shaped tonearms. With leads, mounting hardware.
42-2752 ..... £2.99

Carbon Fibre Head Shell

£3.99

Lightweight housing fits most straight-line tonearms. Finger lift, colour coded wiring, mounting hardware. 42-2699 ..... £3.99

Turntable Lamp



£7.95

Fixes to record deck dust cover, automatically illuminates when cover is lifted.
42-2754 ..... £7.95

Record Stand

£3.99

Allows you to store up to 40 LP's. Free standing or hang it on the wall. Smoke tinted plastic.
42-9197 ..... £3.99

Record Leveller

£2.99

For correct tracking of stylus. Reduces stylus and record wear.
42-9199 ..... £2.99

Record Clamp Stabilizer

£2.69

Helps flatten warped records. Eliminates vibration. Deluxe Strobe Disc checks turntable speed. 42-111 ..... £2.69

Carbon Foam Turntable Mat

£3.49

Disc-O-Mat cuts audible "crackle and pop", reduces dust attraction on records. 42-362 ... £3.49

Spindle Adapter

39p

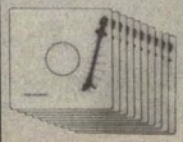
Play continental 45 rpm discs on your system, plastic adaptor slips over normal spindle.
42-120 ..... 39p

Turntable Cushions

79p

Foam cushion grips records to prevent slipping. Reduces rumble.
42-360 ..... 10" 79p
42-361 ..... 12" 99p

Deluxe Record Sleeves



£2.99

Ten vinyl lined paper sleeves to protect your records. Fit 12" LP's.
42-132 ..... £2.99

Let Tandy® Turn Your Next Party Into A Success

Pulsating Psycho-Lites, Turn Your Party Into a Disco!

3-Colour Light Show

NEW FOR 83 £44.95

Built-in sound sensors turn music into a flashing, ever-changing display. Just plug into mains. Walnut vinyl. 18⅛x11⅛x4¾".
42-3012 ..... £44.95

Reflective Psycho-Lite

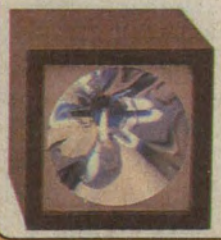
£19.95

Wild, flickering, fire-like action! Mirror basined reflector for a high-energy effect. 8¼x9½x5¼".
42-3017 ..... £19.95

Sequential Chase Lite Column

£44.95

Hand set the speed flash rate on four colour chase column. Turns any party into an event, use also for mobile discos and bands. Walnut vinyl veneer case.
42-9323 ... £44.95



Xenon Strobe Light

NEW FOR 83 £19.95

Variable speed, rapidly flashing light creates stop-motion old time movie effect. 42-7150 ..... £19.95

Revolving Disco Globe

£14.95

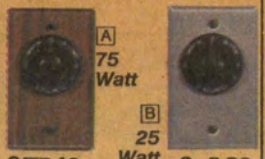
Revolving Disco Globe gives out a moving spectrum of colourful rays. Chromed base. 9¾" high, 3⅜" diameter.
42-3016 ..... £14.95

Discone Reflector

£3.49

Place on the revolving record, direct a beam at it and the room is filled with music and light flashes.
42-9325 ..... £3.49

Stereo Volume Controls



A 75 Watt £7.49

B 25 Watt £4.89

Controls volume of two 8-ohm speakers. Easy wall mount. A 40-978 ..... £7.49
B 40-979 ..... £4.89

Monophonic Volume Control

£1.95

Controls volume of any 8-ohm speaker. 25 watts peak.
40-980 ..... £1.95

Speaker Selector Switch

Handles 4 Speakers £3.99

Controls two pairs. Non-shorting. Metal case. With mounting hardware.
40-130 ..... £3.99

Stereo Speaker Switch Box

Handles Up to 6 Speakers £8.95

Controls 3 pairs of stereo speakers or 6 mono speakers. Rated 10 watts RMS. 2⅛x6x3¼".
40-125 ..... £8.95

Speaker Wall Jack With Phono Plugs

£1.79

Hook up stereo speakers anywhere. Includes two phono plugs. Simulated walnut grain.
40-981 ..... £1.79

Speaker Wall Terminals

£1.89

Quick Release

Add speakers to any room. Spring-loaded, colour coded terminals.
40-975 ..... £1.89

Headphone/ Speaker Junction Box

£4.95

Allows you to listen to two headphones, speakers or to both at the same time.
33-9103 ..... £4.95

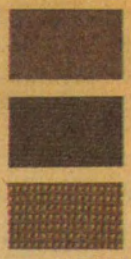
Foam Grille Speaker

From £6.95

Acoustically transparent. Velcro strip-fastening makes it a breeze to attach. 17x23½x¼".
Brown. 40-1946 ..... £7.49
Black. 40-1951 ..... £6.95

Speaker Grille Cloth

From £4.49



Acoustically transparent weave allows unrestricted passage of sound waves.

Cat.No.	Colour	Size	Each
40-1936	Brown	36x36"	£6.49
40-1935	Black	36x36"	£6.49
40-1949	Basket	36x32"	£4.49

Adjustable Speaker Stand

£25.95 Pair

Neoprene covered to prevent speaker movement. Matt black.
40-9181 .... £25.95

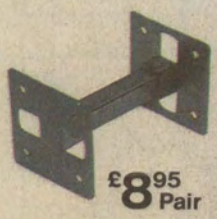
Adjustable Corner Mount Brackets

NEW FOR 83

£6.95 Pair

Special swivel/tilt design. Takes speakers up to 11½" wide and 50 lbs weight.
40-9191 ..... £6.95

Omnidirectional Wall Mounts



£8.95 Pair

Wall mount your speakers. Finished in black.
40-9127 ..... £8.95

Telescopic Corner Mounts

£13.95 Pair

Angled for corner mounting your speaker. Finished in black.
40-9128 ... £13.95

Speaker Brackets

£2.79 Pair

Simplest way to mount speakers, minimise vibration and ensure better sound reproduction.
40-150 ..... £2.79

Adjustable Music Centre Stand

£19.95

Neoprene covered to prevent system movement. Matt black.
40-9180 ... £19.95

Choose A Realistic™ Belt Drive Turntable or Changer

Precision Belt-Drive Semi-Automatic Turntable

£89.95

- *Powerful, Constant-Speed DC Servomotor*
- *Straight-Line, Low-Mass Tonearm*
- *Damped Cue/Pause*
- *Anti-Skate*

Straight Line Tonearm Insures Low Distortion and Excellent Tracking!

Realistic LAB-290. The simplicity of operation and design of this superb turntable assures you quiet, dependable performance. Belt drive absorbs the slightest vibration - so you hear only the music. The "straight-line" tonearm keeps the stylus at the proper geometric relationship with the groove across the entire record surface for low distortion and excellent tracking. Damped cue/pause gently raises and lowers stylus. Adjustable counter-balance for optimum tracking and anti-skate to minimize record wear. Rumble: -70 dB. Wow and Flutter: Less than 0.05% WRMS. Size: 5⅛ x 16 17/32 x 14 9/16". Accessories: Headshell with cartridge, overhang gauge, 45-RPM adapter, dust cover. **42-2978** **£89.95**

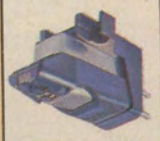
Includes £14.95 Realistic/Shure R47EDT Cartridge

Adjustable Pitch Belt-Drive

NEW FOR 83

£59.95

- *Straight-Line Tonearm*
- *Semi-Automatic*



Includes ADC QLM 30 MK III Magnetic Cartridge

Realistic LAB-150. A smart two-speed semi-automatic belt drive turntable features 11" metal platter with strobe markings, adjustable pitch control, cue/pause control for its straight-line tone arm and is complete with magnetic cartridge and diamond stylus, 45 rpm adapter and dust cover. Speeds: 33⅓ and 45 rpm. Size: 4½ x 15 x 12⅞". **42-7001** **£59.95**

Includes Ceramic Cartridge With Diamond Stylus

Full-Feature Low Price Changer

- *33⅓, 45 and 78 RPM Changer*
- *Diamond Stylus Cartridge*

£39.95

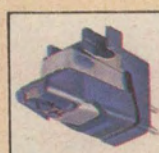
Realistic LAB-48. Packed with features like lightweight tubular tone arm, adjustable tracking force, full fidelity ceramic cartridge. Positive action slide controls and cueing for convenient position of stylus wherever wanted on the record. Three-speed changer plays all sized records. Walnut vinyl trim base, complete with plastic dust cover. **42-2934** **£39.95**

Semi-Automatic Belt Drive

NEW FOR 83

£49.95

- *Cue/Pause Control*
- *Straight-Line Tonearm*



Includes ADC QLM 30 MK III Magnetic Cartridge

Realistic LAB-100. Styled in silver with a hinged dust cover, this modern stereo turntable looks good in any home. Complete with magnetic cartridge and diamond stylus it is semi-automatic with a cue/pause control for the straight line tone arm. Speeds 33⅓ and 45 rpm. Size: 4½ x 15 x 12⅞". Accessories: Magnetic Cartridge, 45 rpm adapter, dust cover. **42-7000** **£49.95**

Battery Power Stereo Pre-Amplifier

£9.95

- *Instant Installation*
- *Reliable Solid State Circuitry*

Installs instantly for use with magnetic cartridges for increased bass and treble. Requires 9v battery. **42-8930** **£9.95**

Tandy® For Precision High Performance Turntables

Top-of-the-Line - High-Tech Linear Tracking Direct-Drive

£169.95

NEW FOR 83

- *Logic-Controlled Tonearm For Zero Tracking Error*
- *Two-Speed Bidirectional "Search" Pushbuttons Control Tonearm*
- *Countersunk Neon strobe With Accurate Pitch Control*
- *LED Indicators for Speed, Disc Size, Repeat and "Power-On"*

Includes Realistic/ Audio Technica Dual-Magnet Cartridge

Available Sept. 30th

Realistic LAB-2000. The latest in technology! A built-in microprocessor continuously monitors the tonearm and makes instant adjustments. This keeps the stylus at precisely the correct angle to the groove across the entire surface of the record - distortion is reduced to the vanishing point! Front mounted soft-touch pushbuttons give you complete fingertip control - *you never have to touch the tonearm.* Press the play/cut button for fully automatic operation, or use the cueing and forward/backward search buttons to manoeuvre the arm - at slow or fast speed - to any point on the record. Repeat button with LED for continuous replay of one record. Sleek, clean low-profile styling. Rumble: -65 dB. Wow and flutter: less than 0.05%. Size: 4½ x 13¾ x 15".
42-2910 ..... **£169.95**

High-Performance Direct-Drive With Selectable Repeating Play

£149.95

Includes £29.95 Realistic/Shure R1000 EDT Cartridge

- *Convenient Front-Access Controls*
- *Straight-Line, Low-Mass Tonearm*
- *DC Servomotor for Accurate Speed*

Realistic LAB-440. For the serious music lover. Features 1½-pound die-cast platter to help eliminate acoustic feedback, stroboscope with neon lamp. Repeat button for continuous replay of one record. Damped cueing, adjustable tracking, anti-skate, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.035%. Size: 5⅛ x 16 17/32 x 14 9/16".
42-2976 ..... **£149.95**

Direct-Drive With Front Access Controls

£119.95

Includes £14.95 Realistic/Shure R47 EDT Cartridge

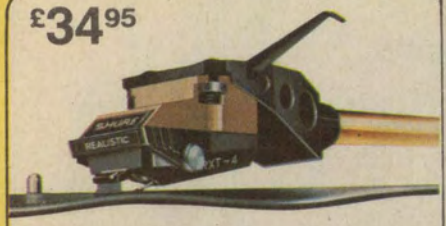
- *Counterweighted S-Shaped Tonearm*
- *Variable Pitch*
- *Built-In Strobe • Anti-Skate*

Realistic LAB-395. Check the features, listen to the musical reproduction and you'll discover the direct-drive turntable is of extraordinary value! Features S-shaped tonearm, DC servomotor, pitch control and neon strobe. Damped cue/pause, adjustable tracking, anti-skate. Auto arm-return/shutoff. Rumble: -70 dB. Wow and flutter: 0.05%. Size: 5 5/16 x 16 17/32 x 15⅛".
42-2977 ..... **£119.95**

ALL REALISTIC TURNTABLES AND CHANGERS INCLUDE BASE, DUST COVER AND CARTRIDGE - NO EXTRAS TO BUY!

Upgrade With Realistic™/Shure Stereo Cartridges

£34.95



Advance Into The Future With The Realistic/Shure RXT4

Telescoped stylus for trackability at an ultra-light ¾ - 1½ grams. Lowest distortion elliptical stylus (5 x 18 microns). Super-flat frequency response: 20-20,000 Hz. Carbon fibres neutralize static charges. Side guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush. **42-2773** **£34.95**

Realistic ADC QLM30 Mark III £7.95

Diamond conical stylus with 20-18,000 Hz, ±3 dB response. Channel separation: 18 dB at 1 kHz. Tracks 3-5 grams. With easy-mount adapter.
42-2772 ..... **£7.95**

Stereo Ceramic Cartridge £3.99

Has a sapphire stylus for micro-groove records, and a sapphire stylus for 78 rpm records on the reverse. **42-9134** **£3.99**

£9.95

Realistic/Shure R25EDT
Elliptical diamond stylus for lower distortion (10 x 18 microns). High fidelity 20-20,000 Hz frequency response.
42-2767 ..... **£9.95**

£14.95

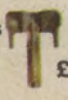
Realistic/Shure R47EDT
Features of R25EDT plus high trackability down to 1½ grams for lower wear. 20 dB channel separation.
42-2761 ..... **£14.95**

£29.95

Realistic/Shure R1000EDT
Smooth 20-20,000 Hz response for high-definition music. Tracks at only ¾ – 1½ grams. 5 x 18 micron stylus tip.
42-2769 ..... **£29.95**

R9E Stylus £21.95
For R9000. Shure M95 series.
42-2651

R3T Stylus £7.95
Replaces R25, Shure M71, M75, ECS series.
42-2768



R5T Stylus £12.95
Replaces R47, Shure M70, M75 series. **42-2762**

R8T Stylus £22.95
Replaces R1000, Shure M90, M75 T-2 series.
42-2770

R6E Stylus £16.95
For R27, Shure M73/M75 T-75E series. **42-2764**

Magnetic Cartridge Diamond Replacement Styli

All our diamond styli are either originals or meet or exceeds the manufacturer's specifications.

Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
ACOS	1	42-9136	M-6	5.49
AUDIO TECHNICA	2	42-9137	VM-8/7D (AT-10,11,12)	6.89
	2	42-9021	AT.12E	9.95
	3	42-9332	ATN.3400	6.99
	3	42-9352	ATN.3401	6.89
	4	42-9344	ATN.70	6.79
	6	42-9344	ATN.3711	6.79
	14	42-9087	ATN.71	6.79
ADC	5	42-9011	K-8	11.95
AIWA	6	42-9344	AN-7	6.79
	3	42-9332	AN-5/RS-85	6.99
	13	42-9339	AN-1A	5.49
AKAI	6	42-9344	R S.90 (PC.90) R S.95 (PC.95)	6.79
	7	42-9331	R S.100 (PC.100)	7.29
	2	42-9137	APN.2/5	6.89
GOLDRING	8	42-9119	G.800 (D.110)	4.99
	9	42-9118	G.850 (D.120)	4.99
HITACHI	10	42-9138	DS.ST.101	5.49
	11	42-9330	DS.ST.102	4.99

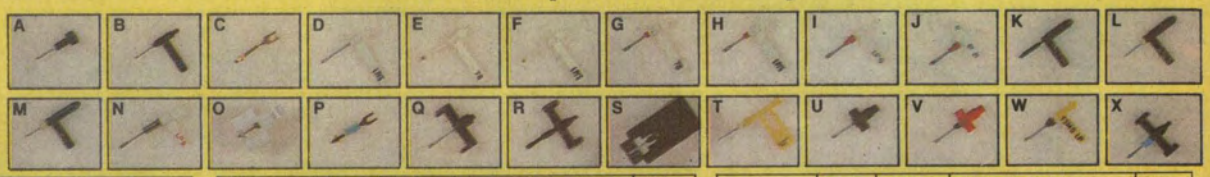
Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
	7	42-9331	DS.ST.103	7.29
	2	42-9137	DS.ST.26/DS.ST.104	6.89
	3	42-9332	DS.ST.35	6.99
	12	42-9341	DS.ST.110	5.49
	14	42-9087	MT.30/DS.ST.30	6.79
	15	42-9083	DS.ST.15/STY-116	4.89
JVC	13	42-9339	DT.36	5.49
MARANTZ	14	42-9087	500-S	6.79
NAT. PAN. (TECHNICS)	16	42-9333	EPS.270 C/SD EPS.52/56	4.49
	2	42-9137	EPS.30/31/34/35	6.89
	17	42-9334	EPS-290 C	4.49
	3	42-9332	EPS.75 ST/SD, EPS-77	6.99
	3	42-9352	EPS.75 STC/SD, EPS.77 ST	6.89
	30	42-9085	EPS.25 CS	5.89
PHILIPS	18	42-9129	GP.400	4.99
	29	42-9162	GP.214/215	6.89
PIONEER	3	42-9352	PN.220	6.89
ROTEL	14	42-9087	2RC5 (RN-5)	6.79
	15	42-9083	2RC1	4.89
	21	42-9135	MPC-7	4.49

Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
SANSUI	19	42-9160	SN-28	4.49
	20	42-9336	SN-37	4.49
SANYO	21	42-9135	G.2611 (K). STG.2D	4.49
	22	42-9338	STG.7/STG.9	4.29
	13	42-9339	STG.8	5.49
	23	42-9139	ST.28D	4.99
	24	42-9351	ST.10J	4.49
	3	42-9352	ATN.3401 (ST.35D)	6.89
SHARP	11	42-9330	STY-100/750	4.99
	21	42-9135	STY-117	4.49
	20	42-9336	STY-104	4.49
	3	42-9352	STY-118	6.89
	14	42-9087	STY-115	6.79
SONOTONE	12	42-9341	V.100/101	5.49
SONY	25	42-9342	ND-15G(A)	5.49
	26	42-9343	ND-133G/134G	5.79
	4	42-9344	ND-136G	6.79
	3	42-9332	ND-138G	6.99
	31	42-9090	ND-150G	5.89
TOSHIBA	27	42-9345	N.58D	5.99
	14	42-9087	N.55D	6.79
TENOREL	28	42-9346	N-2001D	5.59
YAMAHA	3	42-9352	CG-6700	6.89

REALISTIC™

Diamond Replacement Styli

At Tandy you can purchase first-grade, British made, diamond styli. All styli are diamond-tipped on one side and - if double sided - have sapphires on the other.



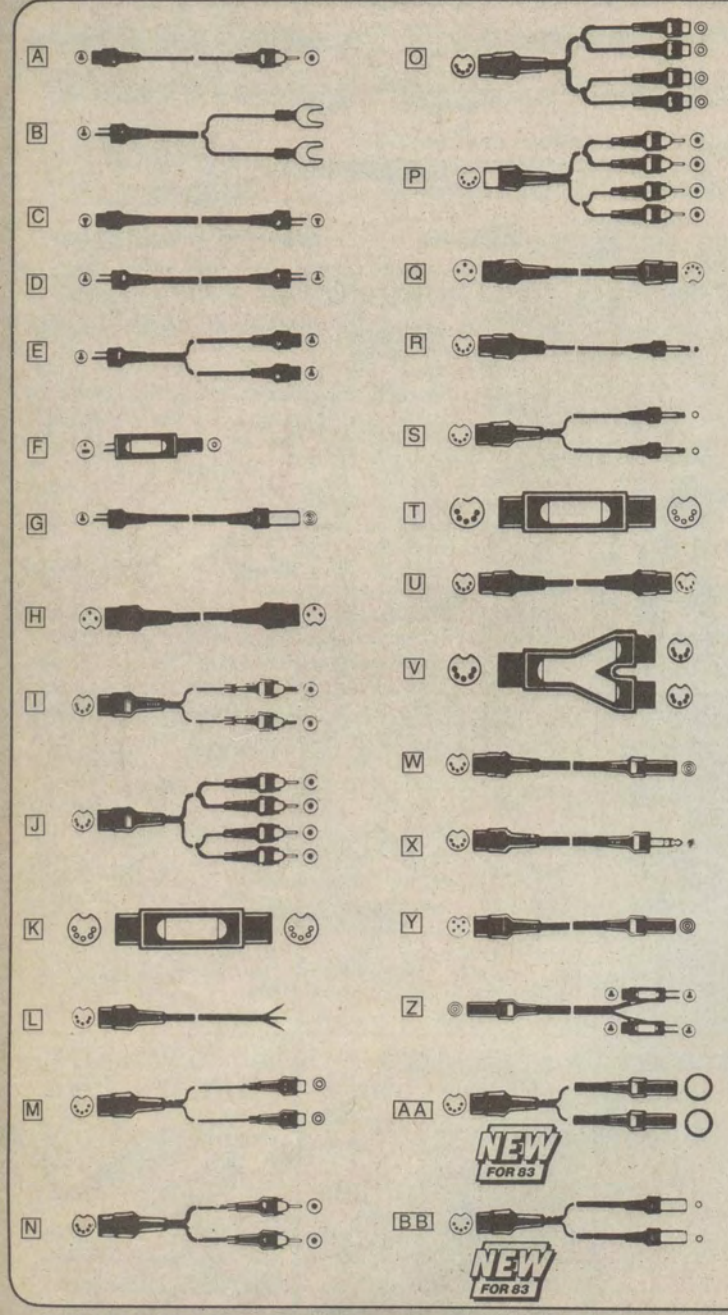
Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
ACOS	A	42-9100	GP.91SC/1-SC/3-SC	1.79
	B	42-9103	GP.104 (GP.104 Trans)	1.79
BSR	C	42-9104	TC.8 R/S, TC.8S, TC8SM	1.79
	D	42-9105	ST.3, ST.4, ST.5, ST.6 X1M, X1H, SX1M, SX1H	1.79
	E	42-9108	ST.8, ST.9, X5H, X5M SX5M, SX5H, SC5H	1.79
	F	42-9109	ST.10, X1M, X1H, X1HE SX1M, SX1H, SX2H, X4H, X5H, X5M, SX5H, SC5H	1.79
	G	42-9106	ST.12, ST.14, X5M, SX5M, SC5M, SX6M, SX6H	1.79
	H	42-9107	ST.15, X5M, SX5M, SC5M, SX6M, SX6H	1.79
	I	42-9111	ST.16, ST.17, SC10H, SC10M, SC8H, SC7M, SC12H, SC12M	1.79

Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
	J	42-9127	ST.20, ST.21, SC7M, SC8H, SC12H, SC12M	1.79
GARRARD	K	42-9113	GSS1, GDS1, GCS-35 GCS-36, Sonotone 2109, 2509, 2539	1.79
	L	42-9115	KS.40A, ASS, ADS, ADD, Sonotone 3509	1.79
	M	42-9116	KS.41B, BSS, BDS, BDD, Sonotone 3549	1.79
HITACHI	S	42-9340	HN-ST-.7	4.29
PHILIPS	N	42-9102	AG.3306, 946/SS50, 946/DS51, 3224, 3230, 3310, 3228, GP200, GP204, G205, 224, 230, 235,300	1.79
NAT. PAN. (TECHNICS)	O	42-9335	EPS-27	4.69

Make	Fig. No.	Cat. No.	Stylus No. Cartridge	Price
SANYO	P	42-9062	STG.3, STL-1	1.79
	Q	42-9161	STG-1	1.79
	R	42-9337	STG-6	2.49
	X	42-9088	STG-5	2.49
SHARP	P	42-9062	STY-113	1.79
	S	42-9340	STY-717	4.29
	Q	42-9161	STY-707	1.79
SONOTONE	T	42-9122	9 TAHC	1.79
TOSHIBA	Q	42-9161	N-3-C	1.79
	R	42-9337	N-40-C	2.49
VACO LUXOR	P	42-9062	65977	1.79
	STYLI FOR MUSIC-CENTRE RANGE			
CONER	U	42-9347	RCS (Clarinette-3 & 5)	
	V	42-9348	RCS (RED)(Clarinette-65)	1.79
TETRAD	W	42-9349	T3MD (Clarinette 104)	1.79

CHOOSE FROM THE QUALITY RANGE OF REALISTIC STYLI

Audio Cables at Tandy® for Every Kind of Hook-Up



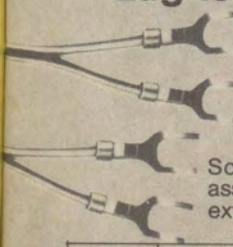
REALISTIC™

- **Shielded cables for quick easy connections.**
- **Unbeatable selection for most purposes.**
- **Reliable construction for long life and noise free operation.**

SYMBOLS				
1. 3-pin DIN Plug	6. 5-pin 45° DIN Headphones Jack		11. Phone Plug 6.3 mm	
2. 3-pin DIN Jack	7. DIN Speaker Jack		12. Phono Plug	
3. 5-pin DIN Stereo Plug	8. DIN Speaker Jack		13. Phono Jack	
4. 5-pin DIN Stereo Jack	9. Stereo Phone Plug 6.3 mm		14. Miniature Phone Plug 3.5 mm	
5. 5-pin 45° DIN Headphones Plug	10. Stereo Phone Jack 6.3 mm		15. Phone Jack 6.3 mm	
			16. Phone Jack 3.5 mm	

Cat.No.	Fig.	Description	Length (m)	Price
42-9213	A	DIN speaker jack to phono plug	0.15	£1.29
42-9286	B	DIN speaker plug to 2 x spade terminals	5.00	£1.49
42-9287	C	DIN speaker plug to DIN speaker jack	2.50	£1.29
42-9288	C	DIN speaker plug to DIN speaker jack	5.00	£1.59
42-9289	C	DIN speaker plug to DIN speaker jack	7.50	£1.89
42-9290	D	DIN speaker plug to DIN speaker plug	2.50	£1.29
42-9291	D	DIN speaker plug to DIN speaker plug	5.00	£1.59
42-9292	D	DIN speaker plug to DIN speaker plug	7.50	£1.89
42-9221	E	DIN speaker plug to 2 x DIN speaker jacks	0.15	£1.39
42-9222	F	DIN speaker plug to miniature phono jack 3.5 mm	Adapt.	£1.29
42-9223	G	DIN speaker plug to stereo phone jack 6.3 mm	0.15	£1.59
42-9231	H	3-pin DIN plug to miniature phone plug 3.5 mm	1.20	£1.59
42-9236	I	5-pin DIN stereo jack to 2 x phono plugs	0.15	£1.59
42-9237	J	5-pin DIN stereo jack to 4 phono plugs	0.15	£2.49
42-9240	K	5-pin DIN stereo jack to 5-pin stereo jack	Adapt.	£1.79
42-9241	L	5-pin DIN stereo plug to stripped, tinned ends	1.20	£1.69
42-9243	M	5-pin DIN stereo plug to 2 x phono jacks	0.15	£1.89
42-9244	N	5-pin DIN stereo plug wired 2/5/3 to 2 x phono plugs	1.20	£1.99
42-9245	N	5-pin DIN stereo plug wired 1/2/5/3 to 2 x phono plugs	1.20	£1.99
42-9246	O	5-pin DIN stereo plug to 4 x phono jacks	0.15	£2.69
42-9247	P	5-pin DIN stereo plug to 4 x phono plugs	1.20	£2.69
42-9249	Q	5-pin DIN stereo plug to 3-pin DIN plug	1.20	£1.49
42-9250	R	5-pin DIN stereo plug to miniature phone plug 3.5 mm	1.20	£1.49
42-9251	S	5-pin DIN plug to 2 x 3.5 mm phone plugs	1.20	£2.29
42-9253	T	5-pin DIN stereo plug to 5-pin DIN stereo jack	1.20	£1.89
42-9254	T	5-pin DIN stereo plug to 5-pin DIN stereo jack	2.50	£2.29
42-9278	U	5-pin DIN stereo plug to 5-pin DIN stereo jack (Inverted poles for recording/reproduction)	Adapt.	£1.69
42-9255	U	5-pin DIN stereo plug to 5-pin DIN stereo plug	1.20	£1.89
42-9256	U	5-pin DIN stereo plug to 5-pin DIN stereo plug	2.50	£2.29
42-9257	V	5-pin DIN stereo plug to 2 x 5-pin DIN stereo jacks	Adapt.	£2.39
42-9258	W	5-pin DIN stereo plug to stereo phone jack 6.3 mm	0.15	£1.99
42-9259	X	5-pin DIN stereo plug to stereo phone plug 6.3 mm	1.20	£2.39
42-9265	Y	5-pin 45° DIN headphones plug to stereo phone jack 6.3 mm	0.15	£1.89
42-9270	Z	Stereo phone jack 6.3 mm to 2 x DIN speaker plugs	0.15	£1.89
42-7201	AA	5-pin plug to 2 x Mono 6.3 mm jacks	0.15	£2.29
42-7202	BB	5-pin plug to 2 x Mono 3.5 mm jacks	0.15	£1.89

Lug-to-Lug Cables



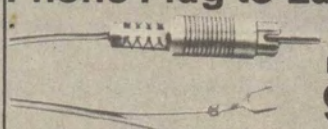
Low As £1 29

Colour-Coded For Easy Hookup

Solderless! Colour-coding assures proper phasing. For extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	£1.99
24	24	42-2446	£1.59
12	24	42-2447	£1.29

Phono Plug-to-Lug Cables



Low As **99p**

Moulded cable assemblies with phono plug and 'Quick Connect' lugs for easy connection to screw terminals.

Feet	Gauge	Cat. No.	Each
24	18	42-2452	£2.29
24	24	42-2450	£1.39
12	24	42-2449	99p

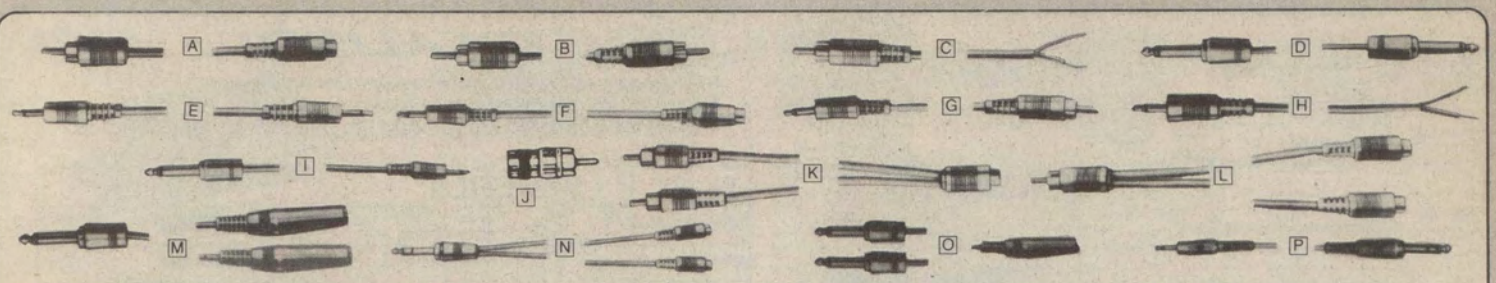
Phono Plug-to-Plug Cables

Low As £1 39

Put Speakers Wherever You Want Them! Phono Plug at Each End for Easy Hookup

Length	Colour	Gauge	Cat. No.	Each
50	Brown	18	42-2480	£4.99
24	Brown	18	42-2478	£3.29
12	Brown	18	42-2479	£1.99
24	Grey	24	42-2392	£1.79
24	White	24	42-2430	£1.79
12	Grey	24	42-2445	£1.39
12	White	24	42-2431	£1.59

Tandy® Accessories - For Sound Quality



Moulded Cable Assemblies

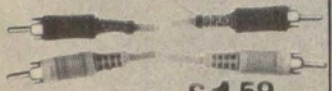
Cat. No.	Fig.	Description	Length (m)	Price
42-2361	A	Phono plug to phono jack	0.90	.99
42-2362	A	Phono plug to phono jack	1.80	1.49
42-2363	A	Phono plug to phono jack	3.65	1.69
42-2365	B	Phono plug to phono plug	0.45	.89
42-2366	B	Phono plug to phono plug	0.90	.99
42-2367	B	Phono plug to phono plug	1.80	1.29
42-2368	B	Phono plug to phono plug	3.65	1.89
42-2370	C	Phono plug to stripped tinned ends	0.90	.89
42-2381	D	Phono plug 6.3 mm to phone plug 6.3 mm	1.80	1.69
42-2420	E	Min. phone plug 3.5 mm to min. phone plug 3.5 mm	1.80	1.39
42-2472	F	Min. phone plug 3.5 mm to min. phone jack 3.5 mm	1.80	1.69
42-2444	G	Min. phone plug 3.5 mm to phono plug	1.80	1.59
42-2434	H	Min. phone plug 3.5 mm to stripped leads	1.80	1.29
42-2433	I	Min. phone plug 3.5 mm to phone plug 6.3 mm	1.80	1.39

Adapters and Connectors

All adapters are made of high strength, lightweight plastic - moulded for long life and noise free operation!

Cat. No.	Fig.	Description.	Price
42-2390	J	Shielded phono plug, pack of 2	.89
42-2435	K	Y-adapter: 2 phono plugs connected to one phono jack: shielded cable	1.29
42-2436	L	Y-adapter: phono plug connected to 2 phono jacks: 76 mm shielded cable	1.29
42-2448	M	Y-adapter: 3-conductor stereo phone plug 6.3 mm to 2 stereo phone jacks 6.3 mm	2.99
42-2477	N	Y-adapter: 3-conductor stereo phone plug 6.3 mm to 2 phone jacks 3.5 mm	1.49
42-2156	O	Mono phone jack 6.3 mm to 2 phone plugs 6.3 mm	1.99
42-2157	P	Stereo phone plug 6.3 mm to min. phone plug 3.5 mm	1.39

Shielded Patch Cords



Low As £1.59

Description	(m)	Cat No	Each
2 Straight phono plugs at each end	0.90	42-2351	1.59
2 Straight phono plugs at each end	1.80	42-2352	2.19

Colour-Coded 36" Audio Cables

£1.99

Shielded for positive protection and low signal loss. Phono plugs for easy hook-up.
42-2309 ..... £1.99

39" Audio Patch Cable

£2.49

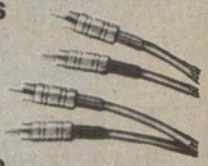
Connect tape decks, signal processors, equalizers to stereo system. Phono plugs.
42-2354 ..... £2.49

Speaker Cable

£8.99

30' MF 100 maximum fidelity cable, extra-heavy/low resistivity for absolute minimum power loss. **42-7200** £8.99

Gold Plated Patch Cords

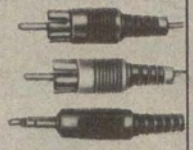


£6.49

MF-200 Maximum Fidelity. Low capacitance phono plugs for maximum conductance and fidelity. **42-2601** £6.49

39" Stereo 1/8" Y-Adapter

NEW FOR 83



£1.89

Record or play personal portables from headphone jack through home stereo. 1/8" stereo mini plug to two phono plugs.
42-2475 ..... £1.89

Y-Stereo Adapter

£2.39

Record directly into headphone output on receiver. 2m cord, phone plug to 2 phono plugs.
42-2474 ..... £2.39

Multi-Purpose Flexible Grey Cable

£2.49

Phone plug 6.3 mm to phone jack 6.3 mm length 3.65 m.
42-2378 ..... £2.49

25' Micro-Phone Cable

£2.99

Heavy duty, low loss microphone extension. 2¾" plug, 2¾" inline jack. **42-2379** £2.99

1/8" To Phono Plug 6-Ft. Dub Cord

NEW FOR 83

£1.49

Dub from amp tape output to portable recorder mike input. 1/8" mini-plug to phono plug.
42-2461 ..... £1.49

Guitar Cord

£3.49

Coiled guitar cord. 36" extends to 4.6m, phone plugs 2¾".
42-2473 ..... £3.49

Coiled Headphone Extension Cord

NEW LOW PRICE

£4.99

24' shielded cable with stereo plug and jack. **42-2443** ... £4.99

Stereo Headphone Extension

£2.99 *Listen Anywhere In The Room!*

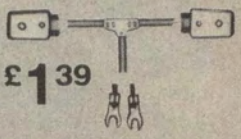
Shielded cable with stereo plug and jack lets you use your headphones anywhere.
42-2442 ..... £2.99

20-Ft. Adapter/ Extension

£3.29

1/8" stereo mini jack to 1/4" stereo plug. Ideal for home use of mini headphones.
42-2460 ..... £3.29

FM Dipole Antenna



£1.39

Better Than "Built-Ins"

"Quick-Connect" lugs attach to terminals for easy hook-up. 300 ohms. **42-2385** £1.39

TANDY HAS A COMPLETE LINE IN AUDIO CABLES

Presenting the Ultimate Musical Instrument

The Realistic/Moog* Polyphonic Synthesizer Puts a Universe of Sound at Your Fingertips!

Only
£399.95

Loaded With Professional Features — Ideal For Performance, Composing, Rehearsing As Well as Personal Enjoyment at Home!

Elton John

Shown With the Realistic MG-1 Synthesizer

Realistic MG-1 Synthesizer by Moog. An advanced, totally electronic instrument at a breakthrough low price. Designed to give any band the powerful sounds of today's music - yet even beginners will be amazed by the incredible variety of sounds it can produce! Polyphonic capabilities let you play chords (two or more notes at a time) like an organ. It can even sound like an organ. You can recreate the sound of virtually any instrument as well as special effects like helicopters, storms, "arcade" sounds and more. The MG-1 is like having a symphony orchestra and a sound effects studio in one.

Control panel is divided into related sections and is colour coded for easy use. Two independent tone sources give the MG-1 a "fat" sound that makes it a sensational lead instrument. Includes an easy-to-read teaching manual that can have you "synthesizing" like a pro in no time.

Play the revolutionary MG-1 through a stereo system, a standard musical instrument amplifier or plug-in headphones for practice and private listening. Nowhere else will you find a synthesizer with these features priced so low!

42-4000 ..... **£399.95**

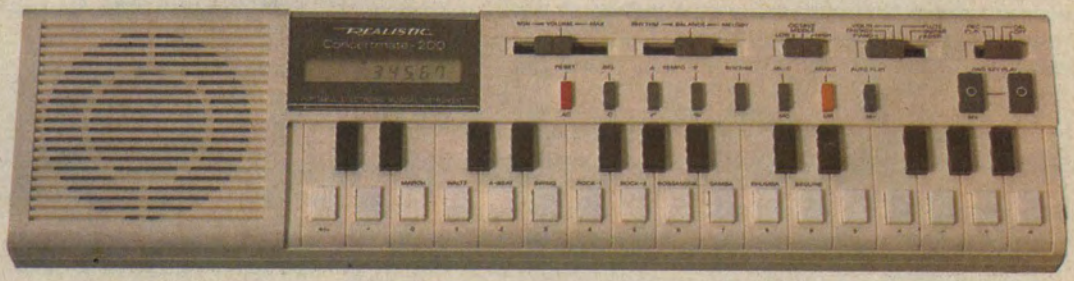
CONTROLS: Master Volume, Mixer: Tone 1, Tone 2, Noise, Bell Tone, Polyphony. **Filter:** Keyboard Tracking (Out ½, Full), Cutoff Frequency, Peak Emphasis, Contoured cutoff. **Contour:** Sustain Out/In, contoured/Keyed/Cont. Source, Rise Time, Fall Time. **Tone Source 1:** Sync 2-1 Selector, 3-Position Octave Selector, 2-Pos. Wave Shape Sel. **Tone Source 2:** Detune, 3-Pos. Octave Sel., 2-Pos. Wave Shape Sel. **Modulation:** Tone Sources, Filter, Keyboard Glide, Modulation Rate, 3-Pos. Wave Shape Sel. with Random, 2-Pos. Auto Contour Trigger. **Tuning:** Tone Sources and Polyphony. **External Connections:** Headphone jack, phono-type output jacks, aux. input. **Size:** 5 x 20½ x 12". *Trademark of Norlin Industries.

Tandy® Introduces the Musical Instrument Anyone Can Play!

NEW FOR 83

£34.95

- ***Built-In 100-Note Memory With One-Key Automatic Playback***
- ***5 Preset Voices***
- ***10 Rhythms***
- ***Built-In 8-Digit Calculator***



Available October 30th, 1982

Realistic Concertmate-200. A technological triumph! Now anyone can make great-sounding music without years of training and practice. With one *finger* you can create a melody, play it back, change notes and tempo until it's perfect, even add a rhythm accompaniment. The ADSR mode (variable sound creation) lets you explore the almost unlimited sounds this amazing instrument provides - over 80 million combinations! And, you can easily repeat the sounds you create. Musical characteristics - Attack, Decay, Sustain, Release, Tempo and Pitch - are presented numerically on the large liquid crystal display. Plays through its built-in speaker or external amplifier. **42-4001** **£34.95**

Keyboard: 29 keys (monophonic). **Preset Sounds:** Piano, Fantasy, Violin, Flute and Guitar. **Built-In Rhythms:** March, Waltz, Rock 1, Rock 2, 4-Beat, Swing, Bossa Nova, Samba, Rhumba and Beguine. **Pitch Control:** ±½ tone. **Octave Shift:** Three Levels. **Power Requirement:** Four "AA" batteries or AC adapter (not incl.). **Size:** 1⅛ x 11¾ x 3".

Portable — Enjoy It Anywhere!

Optimus™ "Tower" Speakers are Tall on Performance!

Top Of The Line! Two 10" Woofers

£159.95 Each

- *Genuine Oiled Walnut Veneer Cabinet*
- *6½" Midrange* • *2" Edgeless Tweeter*

Realistic Optimus T-200. Our best sounding speaker ever, the "200" delivers a flat, uncoloured frequency response with high or moderate powered amplifiers. The two active woofers move only half the distance of a single woofer system, boosting efficiency and lowering distortion and cone-breakup. Gradual slope crossovers improve the power handling capacity ensuring smooth transitions in bass-midrange-treble response. Keeping in tune with the latest time-alignment technology, we've staggered the tweeter so there are no sudden phase shifts or discontinuities in the measured phase response. Plus, a special horn assembly around the cone tweeter improves high frequency distortion. T-200s look great anywhere in a room because they're finished on 5 sides in genuine walnut veneer

40-2029 ..... **£159.95 Each**

Specifications:
Response: 50-20,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Controls:** Variable midrange and treble. **Power Handling Capacity:** 150 watts. **Impedance:** 8 Ohms. **Size:** 34½ x 12½ x 12½".

High-Efficiency 2-Way System

£119.95 Each

- *Genuine Walnut Veneer* • *Long-Throw 8" Woofer*
- *10" Passive Radiator*
- *2" Tweeter With Acoustic Lens*

Realistic Optimus T-110. Sounds as great as it looks! 10" passive radiator and long-throw woofer combine to deliver deep bass down to 50 Hz. Extended-range high-compliance tweeter projects through a special acoustic lens to give you a broad dispersion pattern and improved imaging. Ferrofluid cooled tweeter allows increased power handling and improved response. Features variable high-frequency control. The T-110 has real style too - the enclosure is in handsome oiled walnut veneer - not plastic or vinyl. Spring-loaded push terminals for easy hookup. Removable grille.

40-2037 ..... **£119.95 Each**

Specifications:
Response: 50-20,000 Hz. **Power Handling Capacity:** 80 watts. **System Sensitivity:** 92 dB (SPL at 1 meter/1 watt). **Impedance:** 8 Ohms. **Size:** 35½ x 12½ x 11½".

FIVE YEAR GUARANTEE

Tandy guarantees to the original owner the proper electro-mechanical function of all Optimus, Nova, Mach One, MC and Minimus speaker systems in their unopened enclosures, provided the system has not been abused (our determination is final) and that the owner provides transportation to and from the repair site. Your speaker must function properly or Tandy will repair it FREE OF PARTS AND LABOUR CHARGES! This guarantee is honoured at all Tandy stores across the country. Just present your proof of purchase to get five years of free service. This guarantee gives you specific legal rights and is additional to any statutory rights you may have.

ALL PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE!

Tandy® - A World Leader in Hi-Fi Speaker Sales!

Mach One Liquid-Cooled for Bass You Can Feel

- *Genuine Oiled Walnut Veneer*
- *Massive 15" Woofer With 32-Ounce Magnet*
- *Sectoral Midrange & Heavy-Duty Tweeter Horns*

£159.95 Each

Realistic Mach One "Liquid Cooled". This powerful system features "ferrofluid cooling" - ferrofluid is a magnetic liquid that increases a speaker's power handling capacity and helps control voice coil travel for improved linearity of response. If it's tight "wall-shaking" bass you like, this speaker is for you! Its 15" woofer, sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. Plus, the frequency response covers the entire audio range so you won't miss a note of your favourite performers. All this, plus a beautiful finish - because we know you want wood, not plastic or vinyl.

40-4029 ..... **£159.95 Each**

Specifications:
Response: 25-20,000 Hz. **Power Handling Capacity:** 160 watts. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 28¾ x 17⅝ x 12".

Liquid-cooled sectoral midrange horn designed to provide a true spacial image -smooth 800-8000 Hz response for "live" presence

Liquid-cooled heavy-duty "bullet" tweeter horn delivers crisp, clean highs from 8000-20,000 Hz

Treble and midrange L-pads for precise adjustment of response to suit room acoustics

Acoustic-suspension woofer pumps out huge volumes of air - you can feel the bass down to 25 Hz -four-layer voice coil is edge-wound on a brass form to increase magnetic flux density for improved performance

3-Way Bass Reflex System

NEW FOR 83

£89.95 Each

- *Genuine Walnut Veneer*
- *10" Woofer For Deep Bass*
- *5" Midrange*
- *2" Cone Tweeter*

Realistic Optimus-43. A new addition to our famous Optimus speaker line! This super 3-way speaker system is tall on style and big on power handling capacity! Ported enclosure and 10" woofer combine to give you rich well-defined bass. Acoustically isolated 5" midrange speaker with tubular enclosure for optimum performance. Variable high-frequency control. Recessed, colour-coded spring-loaded terminals. **40-7002** ..... **£89.95 Each**

Specifications:
Response: 50-20,000 Hz. **Control:** Variable treble. **Power Handling Capacity:** 100 Watts. **System Sensitivity:** 91 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 27" x 13¾ x 8¼".

2-Way Passive Radiator System

- *Genuine Walnut Veneer*
- *8" Woofer • 2½" Tweeter*
- *8" Passive Radiator*

£99.95 Each

Realistic Nova-10. The speaker that gives you outstanding performance in this price range. You get exciting depth and clarity of bass frequencies, and our specially-designed tweeter produces the highest output with the lowest distortion of any currently available 2½" tweeter! A spacial crossover network reduces distortion between frequency ranges. Screw terminals. Genuine walnut veneer finish. **40-4028** ..... **£99.95 Each**

Specifications:
Response: 80-18,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter 1 watt). **Power Handling Capacity:** 50 watts. **Impedance:** 8 Ohms. **Size:** 22 x 12½ x 10¼".

2-Way Bass-Reflex System

- *Genuine Walnut Veneer*
- *8" Woofer*
- *2" Tweeter*

£59.95 Each

Realistic Nova-5. Excellent 2-way bass reflex speaker system has 8" long-throw woofer and tuned-port enclosure designed to deliver well defined bass. Wide-dispersion, ferrofluid-cooled 2" tweeter for clear, crisp highs. Finished in genuine walnut veneer.

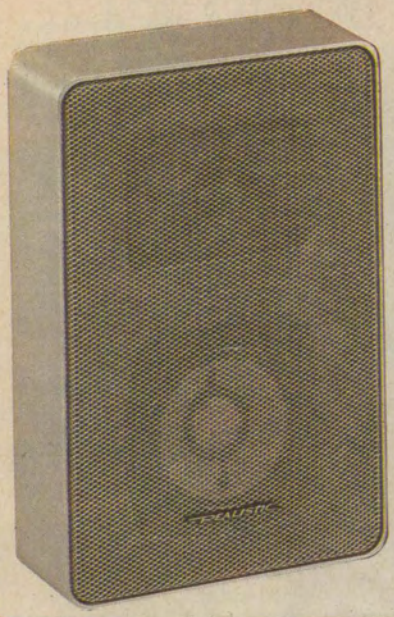
40-4030 ..... **£59.95 Each**

Specifications:
Response: 60-20,000 Hz. **Power Handling Capacity:** 30 watts. **System Sensitivity:** 89 dB (SPL at 1 meter/1 watt). **Impedance:** 8 Ohms. **Size:** 19 x 10¾ x 7½".

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with receivers and amplifiers delivering up to the stated (RMS) continuous power per channel, driven to clipping 10% of the time, on normal music source material.

PRICES SHOWN IN THIS CATALOGUE MAY VARY AT INDIVIDUAL STORES AND DEALERS

Minimus® Speakers - Superb Sound for Small Spaces



Bookshelf/ Wall-Mount Speaker

NEW FOR 83

£37.95 Each

• *Super Slim Design*

Realistic Minimus-22. The very latest from the "famous" Minimus range! Sleek super-slim die-cast aluminium enclosure makes it ideal for bookshelf applications. Features "keyhole" in back for easy and effective wall-mounting, 100-20,000 Hz frequency response, 20 watt power handling. Silver finish. Size: 10½ x 6⅞ x 3". **40-2038** ..... **£37.95 Each**

"Time-Aligned" Realistic Minimus-11

£49.95 Each

• *Really Brings Vocals to Life!*

Realistic Minimus-11. Die-cast aluminium enclosure with a 5" long-throw woofer, 2½" horn-loaded tweeter and deluxe LC crossover. The drivers are time-aligned for a more "open" midrange response that really brings vocals to life! Power handling capacity, 50 watts. Steel grille. 10½ x 6 15/16 x 6 15/16". Recessed push terminal connectors. **40-2035** ..... **£49.95 Each**

The Amazing Minimus-7 Speaker - Praised by Stereo Review

NEW FOR 83

A **£34.95 Each**

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good ... power handling above average ... a good buy."†

B **£29.95 Each**

Realistic Minimus-7. The incredibly lifelike sound of our famed Minimus-7 is now available in a unique design in addition to the "original" enclosure. They are both ideal for shelf, wall or end table placement. Each has long-excursion 4" woofer to produce deep, accurate bass and soft-dome 1" tweeter that deliver soaring highs to 20,000 Hz. Deluxe LC crossover networks provide satin-smooth response without artificial "peaks". Hanger slots for easy wall-mounting. Power handling capacity, 40 watts.

A **Realistic Minimus-7W.** Elegant oiled walnut veneer finish. Removable grille. 8 x 5 x 4". **40-2039** ..... **£34.95 Each**

B **Minimus-7.** Original die-cast aluminium enclosure. An amazing, high-performance mini-speaker for home and car. 7 1/16 x 4 7/16 x 4 5/16".
Silver, 40-2034 ..... **£29.95 Each**
Black, 40-2030 ..... **£29.95 Each**

Adjustable Metal Mounting Brackets for Minimus-7 "Original". For wall, ceiling or mobile use. **40-2031** ..... **£8.95 Pair**

†Quotes excerpted with permission from *STEREO REVIEW*, Aug. 1979 article "Nineteen Minispeakers", ©1979 Ziff-Davis Publishing Co. All rights reserved.

Great Sound For Home Or Car

NEW FOR 83

£12.95 Each

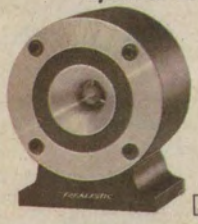
• *Just 5⅝ Inches High!*

Realistic Minimus-3.5. Extraordinary 3" full-range driver, high-density moulded enclosure, steel grille. 5⅝ x 3⅝ x 3⅝". **40-1996** ..... **£12.95 Each**

Mounting Brackets. Fully adjustable. **40-1997** ..... **£4.95 Pair**

Super Tweeters

• *Add Brilliance To Any Speaker Easy Parallel Hookup*



A

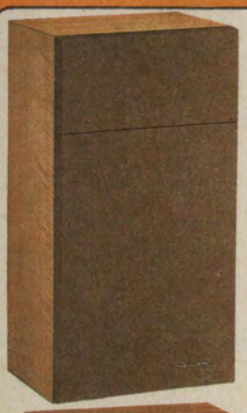
B

A **Dynamic.** Extends response to 40,000 Hz! Mounts in or outside of enclosure. 4" high. Handles 50 watts. **40-1310** ..... **£14.95 Each**

B **Piezo.** Extends response to 27,000 Hz. Burn-out-proof. Sensitivity, 96 dB (SPL at 1 meter/1 watt). Handles 40 watts. **40-1380** .. **£9.95 Each**

NOMINAL IMPEDANCE OF ALL REALISTIC SPEAKER SYSTEMS IS 8 OHMS

Choose Realistic™ for Your Best Value in Speakers



High-Performance Two-Way Systems Featuring Genuine Oiled Walnut Veneer Finishes

NEW FOR 83

Tuned-Port System

High-Compliance 10" Woofer

£69.95 Each

Available Sept. 30th, 1982

Realistic Optimus-30. This new, bass reflex design achieves both excellent low-end response and high efficiency. Features a rugged woofer and 2½" wide-dispersion, screen mesh-protected tweeter. Response: 55 to 20,000 Hz. Power handling capacity, 70 watts. Recessed colour-coded spring terminals. 22⅞ x 12¼ x 8⅝".
40-2043 ..... **£69.95 Each**

Bass-Reflex System

Efficient Design

£49.95 Each

Realistic MC-1401. Powerful bass from receivers or amplifiers with as little as 5 watts rms per channel. 8" woofer, 1¾" tweeter. Tuned port enclosure. Response, 80 to 20,000 Hz. Power handling capacity, 55 watts. Recessed phono jack and screw terminals. 18 x 11½ x 7½".
40-1988 ..... **£49.95 Each**

Acoustic Suspension

Extended-Range Tweeter

£39.95 Each

Realistic MC-1201. Features 8" bass driver (25 sq. inch radiating area), 2½" tweeter for crisp highs. Response, 85 to 17,000 Hz. Power handling capacity, 50 watts. Removable decorator grille. Recessed phono jack and screw terminals. 17¾ x 10⅝ x 7½". **40-1990** . **£39.95 Each**

Bookshelf System

Removable Grille

£29.95 Each

Realistic MC-600. Efficient design provides wide 100 to 18,000 Hz response from an enclosure designed for shelf placement. Long-throw 6½" woofer, 2½" tweeter. Power handling capacity, 40 watts. Recessed phono jack and screw terminals. 13½ x 8⅞ x 5¼". **40-1979** .. **£29.95 Each**

Low-Cost Multi-Purpose Extension Speakers

NEW FOR 83

- *A Size and Shape For Every Place!*

NEW FOR 83

A **Minimus-3.** Features full range 5" driver, walnut vinyl veneer enclosure. 7 watts. 10 x 8½ x 5½". **40-913** ..... **£9.95 Each**

B **Minimus-8.** Walnut vinyl veneer cabinet with woven black grille cloth. 4" driver. 10 watts. 9¾ x 5⅞ x 4⅜".
40-216 ..... **£14.95 Each**

C **Minimus-20.** The 2½" tweeter with acoustic lens improves dispersion. 6½" woofer. 100 to 20,000 Hz. 40 watts. Walnut veneer, metal grille. 12⅜ x 9⅛ x 5⅞".
40-256 ..... **£24.95 Each**
Avail. 30th Sept

D **Minimus-0.5.** Enclosure features die-cast metal frame, walnut vinyl. 10 watts. Only 6⅝ x 4⅞ x 4⅛".
40-1995 ..... **£9.95 Each**

E **Minimus-17.** Cube design with amazing 5" full-range driver, oiled walnut finish, wire mesh grille. 15 watts. 6½ x 6½ x 6".
40-225 ..... **£15.95 Each**

F **"Wedge" Extension for Portables.** Genuine walnut veneer! Includes cable with mini plug — makes your portable transistor radio or tape player sound great! 5 watts. 4³/₁₆ x 7¾ x 6".
40-1247 ..... **£8.95 Each**

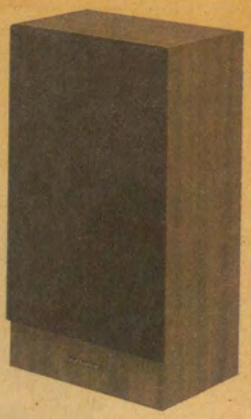
Bass Reflex System

£39.95 Each

NEW FOR 83

- *8" Woofer*
- *Liquid Edged Tweeter*

Realistic Minimus-65. Tuned port design and 8" long throw woofer combine to give powerful bass. The 1½" tweeter is liquid edged for optimum cone termination. Response 60 to 21,000 Hz. Power handling capacity 50 watts. Removable grille. Recessed spring terminals. 20⅞ x 11¼ x 8½".
40-7001 ..... **£39.95 Each**



Two-Way System

£29.95 Each

NEW FOR 83

- *Flush Front Design With Removable Grille*

Realistic Minimus-55. Two-way infinite baffle system gives impressive response from 75 to 20,000 Hz. 6½" woofer and 2" tweeter. Walnut vinyl veneer enclosure. Power handling capacity 30 watts. Recessed spring terminals. 17¾ x 9⅛ x 9".
40-7000 ..... **£29.95 Each**

THERE'S A FULL FIVE YEAR LIMITED WARRANTY ON OPTIMUS, MACH ONE, NOVA, MINIMUS AND MC SERIES SPEAKERS!

Precision Solenoid-Operated Stereo Cassette Decks

Three-Head Deck with Double Dolby* B-C NR And Auto-Rewind/Replay

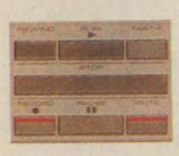
NEW FOR 83 **£299.95**

- *Dolby Type C - For Maximum Noise Reduction*
- *Dolby Type B - For Compatability With Your Present Tape Library*
- *Variable Bias Control and Tape Selector Let You "Fine-Tune" For Best Response From Normal, Chrome or Metal Tape Cassettes*

Available Oct. 15th

Separate Record And Play Heads

Three heads allow monitoring off the tape as you record.



Pushbuttons and LED Indicators

Light-touch pushbuttons have recessed colour-coded LEDs.

Auto/Memory

Tape returns to where Play button was last pressed and replays automatically!

Realistic™ SCT-33. Our best! The exciting new Dolby B-C noise reduction system effectively eliminates tape "hiss" for incredibly wide dynamic range! Two-colour 14-segment fluorescent peak-hold meters display highest signal levels for easier and more accurate record level settings. Pause and auto record-mute system for silent "electronic" editing. Pause LED even flashes once per second for precise timing. Full-logic, solenoid system prevents tape jams. Auto-rewind switch selects automatic rewind and replay, or rewind and shutoff, at end of tape. Also includes output level control, mike/line input selector, switchable MPX filter. Switch for use with optional, external timer. **14-625** **£299.95**

Specifications (Typical):
Frequency Response ± 3 dB: 30-22,000 Hz (metal), 30-21,000 Hz (Cr02), 30-21,000 Hz (normal). **Wow and Flutter:** 0.5% WRMS. **Signal-to-Noise Ratio:** 78 dB Dolby C; 69 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 0.8% 3rd HD (ref. 160 nW/m at 400 Hz. **Record Head:** Ferrite, 6 micron gap. **Playback Head:** Ferrite, 1 micron gap. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** 4¼ x 17³/₁₆ x 10½". *TM Dolby Laboratories, Inc.

What Dolby* Type B-C NR Means to You

Type-C lowers background noise to an incredible 1/100th of its original level (20 dB) at 1 kHz and above. It's excellent for recording wide dynamic range program material or live music. Using Supertape Metal, tape noise will be below any program material you record - even when played back at very high levels. Conventional Type-B reduces noise by 10 dB at 4kHz and above. It provides compatability with existing Type-B Dolby encoded cassettes.

Solenoid Operation, Dolby* B-C Noise Reduction, And Peak-Hold Metering

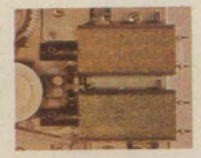
NEW FOR 83 **£199.95**

- *Record and Playback with Dolby C or B Noise Reduction*
- *Three Tape Selector Buttons and Adjustable Bias Control Give You Perfect Recording With Each Type of Cassette*
- *Oversize Pushbuttons Make Operation Easy*

Available Oct. 15th

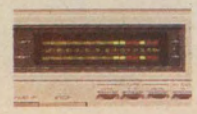
Bias Control

Optimizes high frequency response while recording to match any cassette - normal, chrome or metal.



Twin Solenoids

Direct-acting solenoids replace complex linkages for quiet reliable, foolproof operation.



Peak-Hold Meters

12-segment fluorescent meters hold and display highest signal levels.

Realistic SCT-27. Features "error-proof" operation and the latest Dolby B-C noise reduction circuitry! A logic IC and two solenoids control all tape movement. No matter how you key the feather-touch pushbuttons, you can be sure of smooth, precise tape handling. Other features include a record-mute button for noise-free editing as you record; dual-concentric record level control with memory ring; front panel bias adjust; record, play, pause and Dolby LED indicators; switchable MPX filter for widest response and clean FM stereo recordings; mike/line input selector; a timer standby switch; and much more. **14-640** **£199.95**

Specifications (Typical)
Frequency Response ± 3 dB: 30-19,000 Hz (metal), 30-17,000 Hz (Cr02), 30-17,000 Hz (normal). **Wow and Flutter:** 0.05% WRMS. **Signal-to-Noise Ratio:** 75 dB Dolby C; 67 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref nW/m at 400 Hz). **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** 4⁵/₁₆ x 17⅛ x 10⁷/₁₆".
* TM Dolby Laboratories, Inc.

ALL REALISTIC TAPE DECKS INCLUDE PATCH CORDS FOR QUICK, EASY HOOKUP

A Realistic™ Tape Deck Completes Your Music System

High-Speed Dubbing Dual Stereo Deck

£229.95 NEW FOR 83

- *Make High-Quality Copies of Your Cassette Tapes in Half the Time*
- *Dolby* Type-B Noise Reduction System*
- *Automatic Search Music System Helps You Find Your Favourite Selection Fast*

Available Dec. 15th

* TM Dolby Laboratories, Inc.

Realistic SCT-28. Two cassette decks in one! Now you can duplicate cassette tapes easily! Or listen to two cassettes in sequence for twice as much music - automatically plays tape in deck 1, then plays tape in deck 2. All functions are selected by "soft-touch" controls. Deck 1 is for optimized playback only and automatically selects correct EQ setting. Deck 2 has full record and play capability, with pushbuttons for normal, CrO_2 and metal cassettes, record mute, and dual concentric level controls. Levels are displayed on a two-colour, five-step LED peak meter. Switches for Dolby Type-B NR, MPX filter in/out, and high-speed or normal-speed dubbing. Output level control. **14-641** **£229.95**

Specifications (Typical):
Frequency Response ± 3 dB: 30-19,000 Hz (metal), 30-18,000 Hz (Cr02), 30-15,000 Hz (normal). **Wow and Flutter:** 0.7% WRMS. **Signal-to-Noise Ratio:** 65 dB (ref. 3.0% distortion, Dolby Type-B, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref. 160 n/Wm at 400 Hz). **Deck 1 Play Head:** Hard permalloy, 0.7 micron gap. **Deck 2 Record/Play Head:** Hard permalloy, 1.5 micron gap. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** 4 5/16 x 16 1/2 x 9 13/16".

High Speed Stereo Dubbing

The SCT-28 lets you duplicate cassettes in half the time it takes using separate decks. Program material on tape in Deck 1 is electronically transferred to Deck 2 at twice the normal speed!

High-Style Deck With "Soft-Touch" Controls, Dolby* Type-B and ASMS

£129.95 NEW FOR 83

- *Automatic Search Music System Senses Silence Between Selections to Select the Previous or Next Desired Passage Quickly*
- *Selector for Metal, Chrome and Normal Tapes*
- *2-Colour, 8-Segment LED Level Indicators*

Available Nov. 15th

Specifications (Typical):
Frequency Response ± 3 dB: 30-16,000 Hz (metal), 30-15,000 Hz (Cr02), 30-14,000 Hz (normal). **Wow and Flutter:** 0.06% WRMS. **S/N Ratio:** 67 dB (ref. 3.O% distortion, Dolby Type-B, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref. 160 nW/m at 400 Hz). **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7V max. **Size:** 4 9/16 x 16 15/16 x 9 1/4".

Realistic SCT-500. Popular price, yet loaded with features. Dolby Type-B system extends dynamic range and minimizes tape "hiss". LED peak-reading meters make setting record levels easy. "Soft-touch" function controls for easy operation. You also get dual concentric level controls, 3-digit counter, record and search mode indicators, mike/line input selector, more. **14-620** **£129.95**

Personal Stereo Cassette Record/Play Deck With Two Built-In Electret Condenser Mikes

- *Normal/Cr02 Tape Selector Switch*
- *Glide-Path™ Volume/Balance Controls*
- *Built-In Speaker for Monophonic Playback*

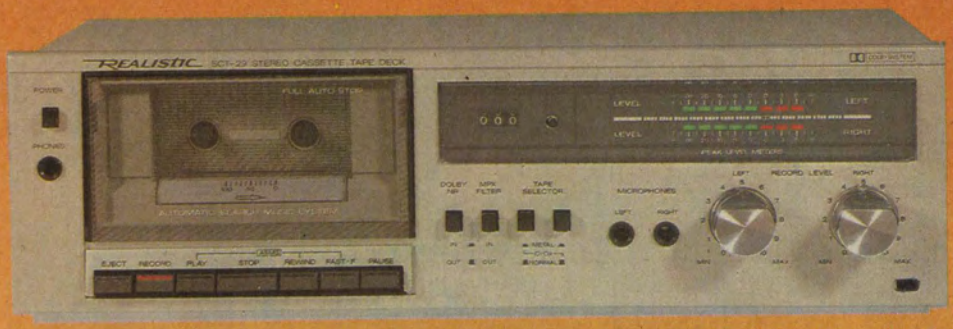
£69.95

Includes Carry Case and Strap!

Measures Just 1 7/16 x 8 5/32 x 4 9/32"

Realistic Minisette™-11. Take it anywhere! Records "live" in stereo or doubles as a stereo player - just add a pair of headphones. Sophisticated Auto-Level circuit captures concerts or conferences perfectly. Features pause button for easy editing, end-of-tape Auto-Stop, digital tape counter, cue/review, and battery/record LED. Jacks for 1/4" stereo headphone, external stereo mikes, aux.. Requires four "AA" batteries, mains or DC adapter. **14-1011**..... **£69.95**

Tandy® Has Stereo Tape Decks for Every Budget



Low-Cost Cassette Deck With Auto-Search Music System

£119.95 NEW FOR 83

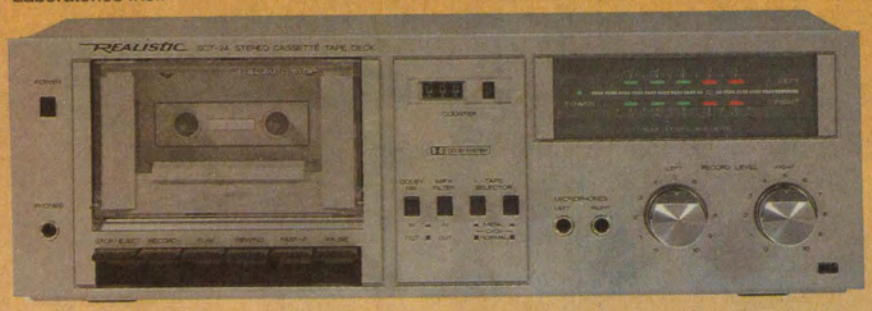
ASMS senses the "silence" between selections automatically. You can advance tape to the next selection - or replay a selection - at the touch of one button!

Available October 30th, 1982

- ***Dolby* Noise Reduction**
- ***Two-Colour, Eight-LED Peak-Reading Meters For Bright, Accurate Signal-Level Display***
- ***Bias and EQ Selectors Let You Record and Play Normal, Chrome or Metal Cassettes***

Realistic SCT-29. An affordable deck with high-end features! Dolby* noise reduction extends dynamic range and minimizes tape "hiss". Features easy-to-use "soft-touch" controls; a damped cassette door; 3-digit tape counter; adjustable output level and mike/line input selector on rear panel. **14-642** **£119.95**

Frequency Response ± 3 dB: 30-14,000 Hz (metal), 30-12,000 Hz (Cr02 and Normal). **Wow/Flutter:** Less than 0.07 WRMS. **S/N Ratio:** 64 dB (ref. 3% Distortion, Dolby "on", "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD (ref. 160 nW/m @ 400 Hz). **Output:** Adjustable to 0.7v max. **Size:** 4⅞ x 15⅜ x 9". *TM Dolby Laboratories Inc..



Our Lowest Priced Dolby* Deck

£99.95

- ***Two-Colour Fast-Response LED Meters for Record-Level Setting***
- ***Bias and EQ Selectors For Normal, Chrome or Metal Cassettes***

Frequency Response ± 3 dB: 30-14,000 Hz (metal), 30-12,000 Hz (Cr02 and Normal). **Wow/Flutter:** Less than 0.15% WRMS. **S/N Ratio:** 64 dB (ref. 3% THD, Dolby "on" "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD (ref. 160 nW/m @ 400 Hz). **Output:** Adjustable to 0.7V max. **Size:** 4⅞ x 15⅜ x 9"

Realistic SCT-24A. A fine basic deck with surprising features! Dolby noise reduction extends dynamic range and lowers "hiss". MPX filter "cleans up" FM stereo signals, or can be defeated for widest response from other sources. Push-key controls; soft-eject cassette door; 3-digit counter; adjustable output level and mike/line input selector. **14-613** **£99.95**

Stereo Cassette Playback Deck With Auto-Reverse

£69.95

- ***Plays Both Sides of Cassette — Automatically!***
- ***Tape Selector for Normal and Cr02/Metal Tapes***

Realistic SCP-5. Add cassette listening to any system with aux. or tape jacks. Special Auto-Reverse feature lets you hear hours of continuous background music. Features LED tape direction indicator, metal/normal switch, output level control. Pushbuttons for program, rewind, fast-forward and eject. 8¼ x 2⅖ x 8⅖". **14-619** **£69.95**

Compact Low-Cost Stereo Cassette Player

£39.95

- ***Adjustable Output Level***
- ***Push-Key Controls***

Realistic SCP-3. Here's the affordable way to add cassette listening to stereo systems with aux. or tape jacks. Plays all standard cassettes. End-of-tape Auto-Stop prevents damage to tapes. 3½ x 5⅞ x 9". **14-617** **£39.95**

Stereo Record/Play Cassette Deck With Auto-Level

£59.95

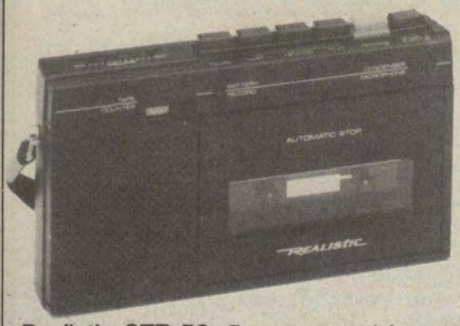
- ***Normal/Chrome Tape Selector***

Realistic SCT-25. Compact and easy to use. Auto-Level for perfect recordings from any stereo source, or "live" - just add mikes. Pause, tape counter. Auto-Stop. 3½ x 5⅞ x 9". **14-616** **£59.95**

ALL REALISTIC TAPE DECKS INCLUDE PATCHCORDS FOR QUICK, EASY HOOKUP

Realistic™ Compact "On-the-Go" Cassette Recorders

Personal-Size Portable With Cue/Review



£39.95

NEW FOR 83

- *Tape Counter*
- *Built-In Electret Mike*
- *Auto-Level*
- *Auto-Stop*

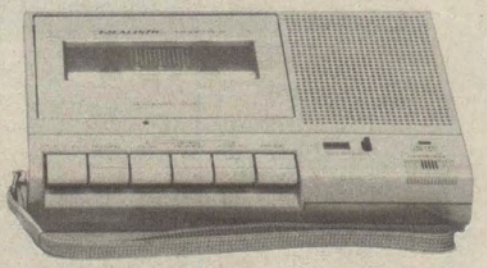
Avail. Oct. 15th 1982

Realistic CTR-58. Pause control for easy editing as you record, LED battery/record indicator, jacks for remote control mike, external speaker, 4¼ x 6¾ x 2". Requires four "AA" batteries or mains/DC adapter. **14-1008** **£39.95**

High-Style, Ultra Slim-Line With Big Recorder Features

£49.95

- *Variable Tone Control*
- *Auto-Stop*
- *Auto-Level*



Realistic Minisette-9. Paperback size! yet has cue/review and tape counter, pause control, electret mike, LED record/battery indicator, jacks for external speaker, remote mike. Requires four "AA" batteries or mains/DC adapter. **14-812** **£49.95**

Slim-Style Portables With Built-In Electret Mikes

Our Best Slim-Style

£44.95

NEW FOR 83

- *For Music or Notes*

Realistic CTR-57. Cue/review works with counter to help locate selections. Auto-Stop, Auto-Level, tone control, battery/record LED, jack for external speaker 2 x 5½ x 10¼". Mains operation or four "C" batteries (not incl.) or optional DC adapter. **14-1007** ... **£44.95**

Cue/Review and Counter

NEW FOR 83

£32.95

- *Auto Stop*
- *Auto-Level*

Realistic CTR-60. Counter and cue/review help find selections fast. Tone control, LED battery/record indicator, jacks for remote mike, aux. input, external speaker. 2 x 5½ x 10". Mains operation, four "C" batteries (not incl.), or optional DC adapter. **14-1010** ... **£32.95**

Avail. Oct. 15th 1982

Our Lowest Priced

£19.95

- *Great Value For Students*

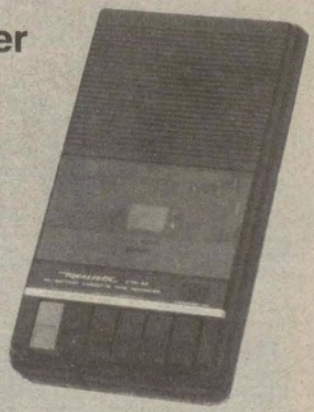
Realistic CTR-55. Dependable "electronic note-taker" featuring auto-level, auto-stop, jacks for remote control mike, external speaker, aux input. Rugged case with handle. 2 x 5¾ x 10½". Requires four "C" batteries or mains DC adapter. **14-1005** **£19.95**

Mains/Battery Recorder

£27.95

- *Auto Level*
- *Auto Stop*

Realistic CTR-56. Three-way power save on batteries when using it at home or in your car. Jacks for remote control mike, aux. input, external speaker. 2 x 5¾ x 10½". Mains operation, four "C" batteries (not incl.), or optional DC adapter. **14-1006** **£27.95**



Mains (AC) and DC Adapters

Operate recorders from house current or 12-volts DC negative ground mobile power.

Recorder Cat. No.	Uses Mains Adapter	Uses DC Adapter	Recorder Cat. No.	Uses Mains Adapter	Uses DC Adapter	Recorder Cat. No.	Uses Mains Adapter	Uses DC Adapter
14-618	A	D	14-1007	*	D	14-1018	A	D
14-775	*	E	14-1008	A	D	14-1019	A	D
14-812	A	D	14-1009	*	D	14-1020	A	D
14-845	A	D	14-1010	*	D	14-9079	*	D
14-1000	C	D	14-1011	A	D	14-9210	*	D
14-1001	A	D	14-1015	B	F	14-9772	*	E
14-1005	A	D	14-1016	B	F	14-9777	*	D
14-1006	*	D	14-1017	B	F			

*Not required. AC power supply built-in.

Adapter	Cat. No.	Price
A (Mains to 6vDC)	14-9854	£3.95
B (Mains to 3vDC)	270-9538	£6.99
C (Mains to 9vDC)	270-9551	£9.49
D (Car/Boat to 6/9vDC)	14-844	£3.95
E (12vDC Car Cord)	270-1534	£3.69
F (12vDC Car/Boat 6/9vDC)	270-1561	£5.49

Great MW/FM Stereo Cassette Portables

MW/LW/FM Portable Cassette Recorder

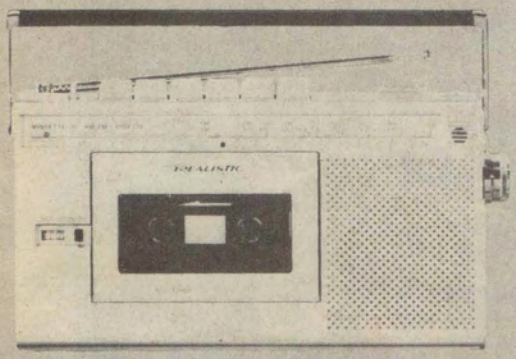
NEW FOR 83

£59.95

- *Top Mounted Six Key Pushbutton Cassette Controls*
- *Automatic Recording Level and Auto Stop*
- *Built-In Condenser Mike*

Realistic™ CTR-350. MW/LW/FM portable cassette recorder features three-band tuner, ensuring interesting listening wherever you go. The attractive silvered finish guarantees envious looks too! Other features include convenient top-mounted six-key pushbutton cassette controls, LW/MW/FM/Tape (radio off) lever switch and rotary tone and volume controls. Built-in condenser mike and auto-level/auto-stop cassette modes. Battery/mains operation. Power cord included. **14-9210** **£59.95**

High-Style, Ultra-Compact Size



£59.95

- *Cue/Review*
- *Tape Counter*
- *Battery/ Record LED*
- *Built-In Electret Condenser Mike*

Realistic Minisette™-10. MW/FM and full-size cassette features! Cue/Review lets you hear tape in rewind and fast-forward - use it with counter to find selections quickly. Variable Monitor lets you listen at any volume while taping off-the-air. Pause control for easy editing, automatic record level setting. Auto-Stop works with special "sleep" switch to turn off radio automatically. Requires six "AA" batteries or optional mains/ DC adapters. 5 x 9½ x 2". (See table, p.35). **14-1000** . **£59.95**

Low-Cost Portable MW/FM Cassette Recorder

£49.95

- *Auto-Stop*
- *Auto-Level*
- *Electret Mike*

Realistic CTR-46A. Records from radio or "live". Has LED record light, tone control, speaker monitor, jacks for remote mike, earphone, aux. 7½ x 10½ x 3". Mains operation or requires 4 "C" batteries or external DC power.
14-839 ..... **£49.95**

Our Budget-Priced Performer!

£39.95

NEW FOR 83

- *Built-In Electret Mike*
- *Auto-Stop*
- *Auto-Record*

Avail. Oct. 15th

Realistic CTR-61. A real performer at an exceptionally low budget price. You can make tapes directly from MW/FM radio or "live", with its built-in electret mike. It features auto-stop, auto-record level, and tone control. Has jacks for remote mike and an external speaker. 7½ x 10¾ x 3". Requires 4 "C" batteries or mains/DC adapters (see table, p. 35). **14-1001** **£39.95**

Portable Auto-Play Kiddy Cassette Players

NEW FOR 83

A **£26.95**
Cassette Player With Radio
Avail. Oct. 15th

B **£19.95**
Cassette Player Only

A **Realistic CTP-6.** Simple for kids to use. Starts playing when tape is inserted, turns off at end of tape. Also has a built in MW radio. Fast-forward/eject button, external speaker, earphone jack. Adjustable carry strap. 5⅝ x 8 15/16 x 2 3/16". Requires four "C" batteries or mains adapter. **14-1020** **£26.95**
B **Realistic CTP-5.** As above, without radio. **14-845** **£19.95**

Tandy® "Big Sound" Stereo Cassette Portables!

Exciting Stereo With "Home Hi-Fi"

£129.95

- ***Find Your Favourite Selection Fast! Automatic Search Music System Senses the "Silence" Between Selections During Fast Forward and Rewind***

Realistic SCR-3. Play pre-recorded cassettes or record tapes off-the-air or "live" using the two built-in electret mikes. Features pause and cue-review, plus full Auto-Stop and LED indicator for "search" mode. Selector for best results with normal or Cr02 tape. Monitor switch lets you listen while recording. LED meter shows output power, record level, battery condition. Jacks for external remote mikes, speakers, headphones. 10½ x 17½ x 5". Mains operation, eight "D" batteries (not incl.) optional DC cord. **14-9772** **£129.95**

Two-Way Speakers for Great Sound

NEW FOR 83

£99.95

- ***Five-LED Meter for Signal Strength***
- ***Record Level and Battery Condition***

Realistic SCR-5. Record cassettes from MW, FM stereo or "live" with built-in electret mikes. Variable monitor lets you listen at any volume while recording off-the-air. Auto-stop, auto-level, pause control. Stereo-wide for extra separation, loudness switch for better sound at low volume. Jacks for headphone, external mikes and speakers. 9⅜ x 16⅛ x 4⅝". Mains operation, six "D" batteries (not incl.) or optional DC cord. **14-775** **£99.95**

Outstanding Sound and Value!

NEW FOR 83

Avail. Nov. 30th

£79.95

- ***Separate Woofers and Solid-State Tweeters for Exciting Sound***

Realistic SCR-7L. This versatile music centre lets you play and record cassettes, LW/MW, FM stereo or make "live" tapes with built-in electret mikes. Auto record-level setting. Variable monitor lets you listen at any volume while taping from the radio. Tone control, tuning, battery, record and FM-stereo LED indicators, jacks for external mikes, speakers, headphone. 8⅝ x 15⅛ x 5¾". Mains operation, six "D" batteries (not incl.) or optional DC adapter. **14-9777** **£79.95**

Budget-Priced – Solid Performer

NEW FOR 83

Avail. Dec. 15th.

£69.95

- ***Five LED Audio Level Meter***
- ***"Sleep Switch" Turns Off Radio***

Realistic SCR-9L. Terrific sound, affordable price! Monitor switch lets you listen while recording directly from LW/MW or FM stereo. Features built-in electret mikes, automatic record-level setting, Auto-stop, Glide-Path volume/balance controls, FM stereo indicator mono/stereo switch. Jacks for external mikes, headphone. 8 x 15½ x 3½". Mains operation, six "D" batteries (not incl.) or optional DC adapter. **14-9079** **£69.95**

SEE THE TANDY RANGE OF SUPER VALUE CASSETTES TOO!

Compact Cassette Players – Full Stereo Sound Anywhere

Low Cost Stereo Cassette Player

NEW FOR 83

£29.95

- *Glide Path™ Volume Controls*
- *End-of-Tape Auto Stop*

Avail. Nov. 15th,

Realistic SCP-7.* With this low cost Stereo cassette player you can enjoy superb head-set stereo anywhere, anytime. Has simple, single control for play, stop, rewind, fast forward and eject. 1/8" headphone jack. Measures just 6 x 4 x 1 5/8". Requires four "AA" batteries or mains or DC adapter. **14-1019** **£29.95**

Personal Stereo Cassette Player Sounds Great

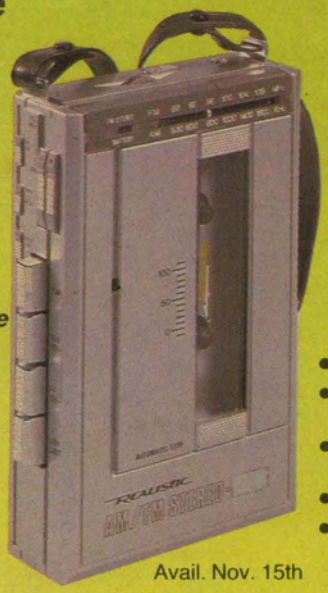
NEW LOW PRICE

£39.95

- *Glide Path Volume/Balance*
- *Normal CrO_2 Metal Selector*
- *Full Auto-Stop*
- *Low Battery LED Indicator*

Realistic SCP-4.* Compact size, lightweight personal stereo cassette player for superb sound while working, travelling or exercising. Has rewind/review and fast forward. Built-in recharger for optional nickel cadmium batteries 1/4" headphone jack. 6 1/4 x 4 x 1 1/4". Requires three "AA" batteries or mains or DC adaptor. **14-618** **£39.95**

Our Best! One-Piece MW/FM Stereo Cassette Player



NEW FOR 83

£59.95

- *Cue/Review*
- *Tape Selector Switch for Normal CrO_2 /Metal*
- *LED Indicators for FM Stereo/Low Battery*
- *End of Tape Auto-Stop*
- *Power Cuts Off When You Unplug Headset! – Saves Batteries*

Avail. Nov. 15th

Realistic SCP-6.* Enjoy music in stereo on tape or from built-in MW/FM stereo radio – no extra tuner packs to carry. Features Glide-Path volume/balance controls, cue/review to locate selections quickly. FM mono switch for best reception of weak stations. Built-in recharger for optional nickel cadmium batteries. 1/8" headphone jack. 6 x 3 7/8 x 1 3/8". Requires four "AA" batteries or mains or DC adapter. **14-1018** **£59.95**

*** All three stereo cassette players include vinyl carry case, shoulder strap and require headphones.**

Realistic Micro Headphones For Stereo Cassette Players

Tandy gives you a choice of Realistic Micro Headphones for stereo cassette players, from £7.95 to £14.95. See Page 49!

14-618	33-978, 33-9998
14-1018	33-977, 33-979, 33-1035, 33-9020
14-1019	33-977, 33-979, 33-1035, 33-9020

Mini & Micro-Cassette Recorders – Great for Home, Office or School

Pocket Micro-Cassette Recorder

£49.95

NEW FOR 83

Avail. Nov. 15th

- *Two-Speed Capstan Drive*
- *Records Up to 2 Hours*
- *Cue/Review* • *Tape Counter*

Realistic Micro-10. Easy to use pocket micro cassette recorder. Record meetings, lectures or take notes. Features built-in condenser mike. Auto-stop, LED record indicator. With earphone. Built-in recharger for optional nickel cadmium batteries. 5 1/4 x 2 1/4 x 1". Requires two "AA" batteries or mains adapter. **14-1016** **£49.95**

Mini-Cassette Recorder

£39.95

NEW FOR 83

Avail. Nov. 15th

- *Built-in Mike Plus Auto-Level for Perfect Recordings*

Realistic Minisette. Compact and economical mini cassette recorder. Slide controls allow easy one-hand operation. "Cue" button "fast plays" to locate specific passages easily. LED battery/record indicator, wrist strap, earphone. 5 3/4 x 2 1/2 x 1". Requires two "AA" batteries.
14-1015 ..... **£39.95**

Micro Cassette Recording Tape

MC-60. Capstan tape. Up to 60 minutes at 2.4 cm/sec. 120 minutes at 1.2 cm/sec.
44-640 ..... **£2.29**

£2.29

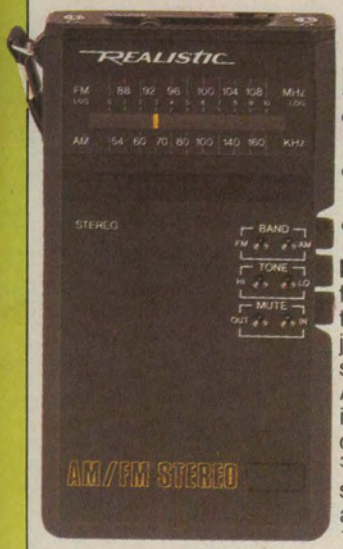
Mini-Cassette Recording Tape

Mini-30. For Minisette and other rim-drive recorders. Total recording time: 30 minutes. **44-633** **£1.99**

£1.99

Tandy® Personal Stereo Radios Go Anywhere

Our Best MW/FM With Deluxe Features



£34.95 NEW FOR 83

Available November 30th

- *Compact - Slips Easily Into Your Pocket or Wear it on You Belt*
- *FM Mute Switch Elininates Noise Between Stations While Tuning*
- *Hi/Lo Tone Switch for Best Sound*

Realistic MW/FM Stereo. A top performing companion, with great reception and sound! Dual 1/8" stereo phone jacks let you enjoy your favourite stations with a friend. Features built-in AFC, LED FM stereo and "power-on" indicators, slide-type right and left channel volume controls. 5 3/8 x 3 x 3/4". Includes carrying case and wrist strap. Requires three "AA" batteries and Micro Headphones.

12-113 ..... **£34.95**

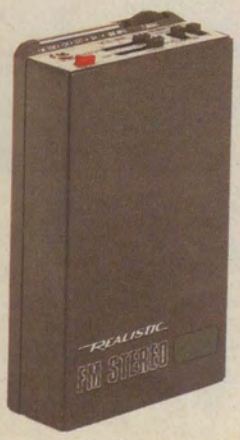
MW/FM With Built-In Belt Clip

NEW FOR 83 **£29.95**

- *Built-In AFC for Drift-Free FM*
- *Balance Control*
- *Slide-Rule Dial*
- *Lightweight, Yet Withstands Strenuous Activities*

Realistic™ MW/FM Stereo. Hear superb stereo in privacy! Spring-loaded belt clip gives you carrying ease. Features LED FM stereo indicator, on/off/volume control, 1/8" stereo headphone jack. Only 4 5/8 x 3 x 1 1/8". Includes vinyl carry case with shoulder strap. Requires three "AA" batteries and Micro headphones.

12-112 ..... **£29.95**



Our Smallest And Lightest Personal Stereo

£16.95 NEW FOR 83 Available October 15th

- *Ceramic FM Filter*
- *With Carrying Case*
- *Stereo/Mono Switch*

Realistic FM Stereo. So lightweight you'll hardly realize it's there! Perfect for your shirt pocket or wearing on your belt. Built-in AFC, stereo/mono switch for optimum reception of weak FM stations. 1/8" stereo headphone jack, slide-rule dial, LED stereo indicator. Only 3 7/8 x 2 3/8 x 1". Requires one 9v battery and Micro headphones.

12-109 ..... **£16.95**

Micro-Stereo Headphones

Tandy gives you a choice of Micro Stereo headphones. Choose either of the two shown, or see page 49 for further details.

A **Realistic Nova -35.** Less than three oz. 5-foot cord. 1/8" plug.
33-1035 ..... **£7.95**

B **Realistic Nova-52.** Folds for compact storage. 6 1/2-foot cord, 1/8" plug.
33-979 ..... **£14.95**

Music To Your Ears!

Deluxe MW/FM System for Home or Portable Use

NEW FOR 83 **£49.95**

- *Two Built-In 4" Wide-Range Stereo Speakers*
- *Removable MW/FM Stereo Pocket Receiver*
- *60-Minute "Sleep" Switch With Auto Shut-Off*

The System That's Ready For Anything - Relaxing, Running or Recreation!

Realistic MW/FM Stereo System. Incredibly versatile - listen at home through the built-in speakers, or pop out the pocket receiver and enjoy stereo on-the-go with headphones (not included). There's even an aux. jack for adding a cassette deck! Features 1/8" headphone jack, separate bass and treble controls, LED FM stereo indicator, receiver eject button, telescopic antenna, stereo/mono switch. Entire system only 5 3/8 x 12 7/8 x 2". Receiver 4 7/8 x 2 3/4 x 1". With carry case for pocket receiver. Amplifier, with built-in speakers, requires four "C" batteries or optional mains or DC adapter. Removable pocket receiver requires three "AAA" batteries.

12-707 ..... **£49.95**
DC Adapter. 14-844 ..... **£3.95**
Mains Adapter. 270-9551 ..... **£9.49**

Tandy® Cassettes - Great Sound, Great Value!

SUPERTAPE METAL™ - State of the Art Recording Tape!

NEW LOW PRICE Low As **£3.95** C-60

Was £4.95 In 1982 Catalogue

Coercivity (Hc): 1100 Oersteds (Nom.).
Retentivity (Br): 3200 Gauss (Avg.).
Dynamic Range: 68 dB

Our finest! Coated with fine-grain metal particles - not oxide. SUPERTAPE METAL has magnetic properties to give you greater output and both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs - for music reproduction that is virtually indistinguishable from open-reel! SUPERTAPE METAL has the sound you've always wanted from a cassette. For recording on metal capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.

C-60. 44-960 ..... **£3.95**
C-90. 44-961 ..... **£5.95**

SUPERTAPE GOLD - Premium Ferric

Low As **£1.29** C-45

For optimum performance at normal bias. Audiophile quality at a popular price. Precision housing cuts wow and flutter. Built-in non-abrasive head-cleaning leader. With hinged storage box.

Coercivity (Hc): 335 Oersteds (Nom.). **Retentivity (Br):** 1500 Gauss (Avg.). **Dynamic Range:** 60.4 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	1.29	1.16	1.04	.94
C-60	60 minutes	44-921	1.49	1.34	1.21	1.08
C-90	90 minutes	44-922	1.79	1.61	1.45	1.31
C-120	120 minutes	44-923	2.29	2.52	2.27	2.04

SUPERTAPE Hi-Bias - Wide Dynamic Range

Low As **£2.49** C-45

Laboratory standard series Type II High Bias chrome equivalent formulation for greater high frequency output with the lowest noise levels ever, and unexcelled dynamic range. Includes head cleaning leader for finest performance. For recording equipment with Cr02 (high bias, 70μ sec, EQ) position. Hinged storage box.

Coercivity (Hc): 550 Oersteds (Nom.). **Retentivity (Br):** 1800 Gauss (Avg.). **Dynamic Range:** 364.1 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-940	2.49	2.24	2.02	1.82
C-90	90 minutes	44-941	2.99	2.69	2.42	2.18

Realistic™ Low-Noise High-Output Cassettes

Low As **99p** C-30

Made with Realistic's exclusive Hi-Flux Density oxide formula for high output, wide frequency response, low noise and distortion - at low cost! Precision housing reduces wow/flutter. With hinged storage case.

Coercivity (Hc): 320 Oersteds (Nom.).
Retentivity (Br): 1125 Gauss (Avg.). **Dynamic Range:** 54.5 dB

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-35	35 minutes	44-601	.99	.89	.80	.72
C-60	60 minutes	44-602	1.19	1.07	.96	.86
C-90	90 minutes	44-603	1.29	1.16	1.04	.94
C-120	120 minutes	44-604	1.69	1.52	1.37	1.23

Realistic Mini Cassettes

15 Minutes Each Side **£1.99**

Mini-30. For rim-drive recorders such as Realistic Minisette and others.

Total Record Time	Cat. No.	Each	
		1-9	10-Up
30 minutes	44-633	1.99	1.79

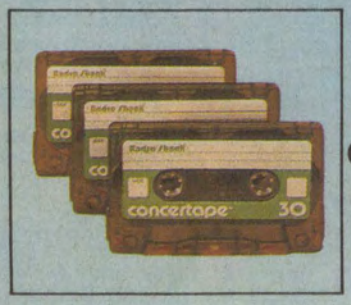
Micro-Cassettes

£2.29 Up to 60 Minutes Per Side

Micro-60. For capstan-drive recorders such as out Micro-10, Micro-11 and others.

Total Recording Time		Cat. No.	Each	
2.4cm/sec.	1.2 cm/sec.		1-9	10-Up
60 min.	120 min.	44-640A	2.29	1.99

CONCERTape™ - Quality Sound at Affordable Prices



The smart choice for general-purpose music or voice recordings! Use the shorter tapes for "voice letters". The longer cassettes are ideal for note-taking, language study or making long-play tapes of your favourite music for home, car or portable players. All have heavy duty Polyester base that resists age, humidity, breaks and stretching.

CONCERTape™ Cassette 3-Packs

Pkg. of 3 Low As **£1.29** C-30

Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	1.29	1.16
C-60	60 minutes	44-607	1.39	1.25
C-90	90 minutes	44-613	2.19	1.97
C-120	120 minutes	44-614	2.59	2.33

CONCERTape "Singles"

C-60 **59p** C-90 **79p**

Type	Recording Time	Cat. No.	Each
C-60	60 minutes	44-605	.59
C-90	90 minutes	44-620	.79

YOUR NEARBY TANDY STORE CAN OFFER EVEN BIGGER DISCOUNTS ON LARGE QUANTITY ORDERS

Tandy – For A Full Range of Open-Reel Tape

Supertape – Premium Quality Recording Tape

Low As **£2.69** 5" Reel

- *Super-Calendered for a Mirror-Like Surface*
- *Wide Dynamic Range – Captures All The Music*

Supertape's Super Specs

Frequency Response:
1 kHz ..... 0 dB
10 kHz ..... +0.5 dB
15 kHz ..... +0.8 dB
20 kHz ..... +1.3 dB
Dynamic Range: ..... 63. dB
Coercivity (Hc): ..... 300 Oersteds
Retentivity (Br): ..... 1220 Gauss

Made in the USA by Tandy, and formulated to bring out superb sound from any reel recorder, without special bias settings. Our carefully controlled calendering process gives you a smoothness that minimizes tape and head wear. You get superior sensitivity and wide frequency response too. Polyester base has high tensile strength to resist breaks and stretching, as well as a deterioration due to age and humidity.

Cat. No.	Reel Size	Feet	Mil.	Base	EACH 1-9	EACH 10-499
44-1872	5"	900	1.0	Standard	£3.49	£2.69
44-1878	7"	1200	1.5	Standard	£4.69	£3.75
44-1877	7"	1800	1.0	Standard	£5.29	£4.23
44-1880	7"	3600	0.5	Standard	£9.95	£7.96

Budget Priced Concertape™

Only **£2.29**

- *All-Purpose Recording Tape*

Great for voice and all general-purpose recording. Heavy-duty Polyester base resists breakage and stretching. 1800 feet, 7" reel. **44-1018** **£2.29**

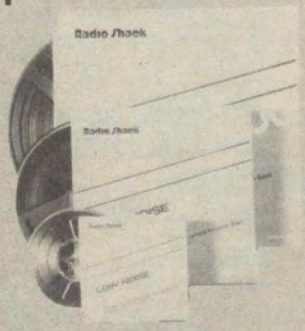
Realistic Low Cost, Low Noise Tape

Low As **89p** 3" Reel

NEW FOR 83 (44-739 / 44-752)

- *Wide Frequency Response*
- *Long-Lasting Polyester Base*

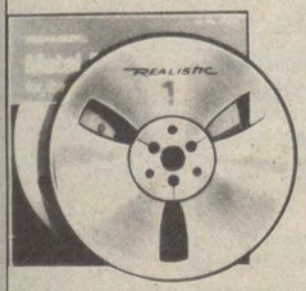
Realistic Low-Noise is a high-quality open-reel tape with uniform oxide coating for wide frequency response and excellent signal-to-noise ratio. Standard polyester base resists temperature and humidity changes without getting brittle. Tensilized Polyester base has extra strength to prevent stretching.



Buy In Quantity For Big Savings

Cat. No.	Reel Size	Feet	Mil.	Base	EACH 1-5	EACH 6-9	EACH 10-49	EACH 50-499
44-734	3"	225	1.0	Standard	89p	69p	49p	29p
44-753	5"	900	1.0	Standard	£2.29	£1.99	£1.69	£1.39
44-752	5"	1200	0.5	Standard	£3.29	£3.09	£2.89	£2.69
44-754	7"	1800	1.0	Standard	£3.89	£3.59	£3.29	£2.99
44-758	7"	2400	0.5	Tensilized	£4.99	£4.59	£4.19	£3.79
44-766	7"	3600	0.5	Tensilized	£6.99	£6.39	£5.79	£5.19

Tandy For Your Reel-To-Reel Tapes & Recorder Accessories



7" Metal Reel

£4.49

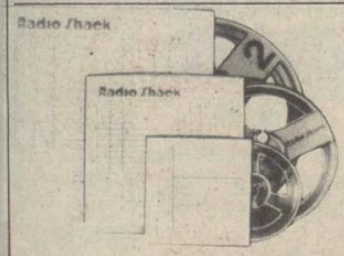
- *Professional Quality*
- *Precision and Stability*

Improves the appearance and performance of any reel recorder! Won't crack, split or warp. Brushed, anodized aluminium. With storage box. **44-280** **£4.49**

Tape Reel Holders

Fits Most Recorders **69p** Pk 2

Tape reel holders fit over centre spindles of recorder to keep reels seated and wobble free.
44-1068 ..... **Pkg. of 2** **69p**



Tape Reels With Boxes

Low As **39p**

Tandy tape reels in three sizes, made of durable plastic in protective boxes.

Cat. No.	Reel Size	Each
44-273	3"	39p
44-278	5"	89p
44-279	7"	£1.49

Colour-Coded Header Tapes

- *Ideal for Editing*

£1.49 Pk 2

Pack includes two 150' reels of 1/4" colour-coded polyester leader tape. Ideal for editing. One red, one white. **44-1053** **£1.49**

All You Need for Tape and Video Care and Cleaning

Cassette Tape Repair Kits

£3.99

Ideal Tape Overhaul Kit

A Detailed 32-page manual, housing, splice block, razor blade, mylar splice tabs screw, adhesive labels.
44-629 ..... **£3.99**

Professional-Quality Head Cleaning Kit

£1.99

For audio and video! Includes 6-dram bottle of special Freon TF* solvent and six reusable lintless foam swabs. **44-1170** **£1.99**

Head Cleaning Kit

£1.89

Improves recording reproduction. Includes an angle combination, 7 felt pads, 30 cc of tape head cleaning fluid.
44-9235 ..... **£1.89**

Tape Head Cleaning Fluid

£1.99

- *Professional Quality Fluid*

56 ml. bottle cleaning fluid - restores recording and playback performance to cassette, reel-to-reel, 8-track and video machines. **44-9216** **£1.99**

Tape Head Cleaning Kit In Cassette-Size Case

£4.95

Get great recording and playback every time! Includes brush, inspection mirror, cleaning tool and pads, cleaning fluid. For cassette and open reel.
44-222 ..... **£4.95**

Car Tape Head Cleaning Kit

£3.79

Efficient and effective - two cassettes clean and dry tape heads, capstan etc. Including fluid.
44-9222 ..... **£3.79**

Cassette Demagnetizer and Cleaner

£2.99

Eliminates built-up oxide residue and magnetism. Prevents distortion and volume loss. Just insert and "play" for 60 seconds. Non-abrasive.
44-631 ..... **£2.99**

Tape Repair Kit

99p

With 24" Leader

Replace your damaged or worn out housing with a new one. Has 24" leader tape, instructions.
44-626 ..... **99p**

Cassette Doubleheader

£1.79

Restores fidelity, extends tape life by removing oxide deposits from heads, capstans. **44-1162** ... **£1.79**

Cassette Head Cleaner

79p

Removes oxide deposits. Insert for 10 seconds after each ten hours of equipment use. **44-9210** **79p**

Head Cleaner Sprays, Solvents and Lubricants

99p

A **Head Cleaner Solution.** Cleans heads, guides, rollers, all metal parts. 2 oz. **44-1010** **99p**
B **"Non-Slip" Solvent.** For idler wheels, belts, cords. Fast drying. 2 oz. **44-1013** **99p**
C **Head Cleaner/Lubricant.** removes oxide deposits. Ideal for records, players. **44-1009** **99p**
D **Head Cleaner Spray.** Sprays away grime. Extension nozzle for hard-to-reach spots.
44-1011 ..... **£1.99**

Cassette Storage Boxes

99p

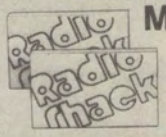
Protect your tapes! Hinged see-through door for easy identification.
44-611 ..... **Pkg. 3/99p**

Plastic Cassette Mailers

99p

Send "voice" letters on cassette in these plastic cassette mailers. Include mailing labels.
44-608 ..... **Pkg. 3/99p**

Economy Cassette Mailing Boxes

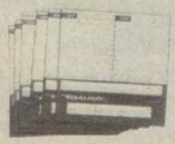


79p

Pkg. of 6

Heavy-duty cardboard mailers, protect your cassettes in the post!
44-632 ..... **Pkg. 6/79p**

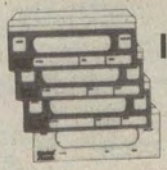
Cassette Index Cards



99p Pkg. of 20

Replace old cards - room to list newly recorded selections. Fit all standard tape boxes.
44-623 ..... **Pkg. 20/99p**

Cassette Index Labels



99p

Pkg. of 24

Self adhesive. Six each of red, blue, yellow and green.
44-621 ..... **Pkg. 24/99p**

Cleaning Cloths

£1.29

Chemically treated to gently clean tapes, equipment, dust covers.
44-1088 ..... **Pkg. 4/£1.29**

Recorder Cleaner Kit

£1.49

Recorder cleaner kit contains 1¼-oz. bottle of cleaner and lubricant and ten long-reach swabs.
44-217 ..... **£1.49**

Head Cleaning Sticks

89p

Pkg. of 100

Cotton-tipped 6" wooden head cleaning sticks for hard-to-reach places. **44-1093** ..... **Pkg. 100/89p**

"Pro" Tape Head Solvent

£1.39

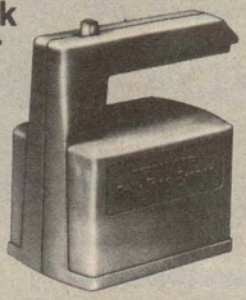
2 Oz.

Freon TF* dissolves dirt, oxide. For audio or video use. **44-1171**..**£1.39**

*TM E.I. du Pont de Nemours & Co., Inc.

Low-Cost Accessories for "Pro-Quality" Recording

Magnetic Bulk Tape Eraser



£15.95

Also Erases Computer Floppy Disks

Quickly erases cassette, 8-track and open-reel tapes! Reduces noise levels below recorder's own erase head level. Not for metal or video tapes. AC operation. **44-232** **£15.95**

8-Track Doubleheader

£1.59

Insert each end of cartridge for ten seconds to clean head, sensor and capstan. **44-208** .. **£1.59**

SUPERTAPE™ 8-Track Recording Tape

- *Special Fine-Grain Oxide for Superior Frequency Response*
- *Low Noise - Extended Dynamic Range*

Record better sounding tapes than you can buy! High-output, low-noise formulation reduces "hiss". Back-coated with a special lubricant to help prevent "jams" for increased tape life. Tough Polyester base resists stretching and breaking.
44-843 ..... **£2.99**

Recording Time	Cat. No.	Each			
		1-11	12-24	25-49	50-Up
90 min.	44-843	2.99	2.69	2.42	2.18

Electronic Cassette Demagnetizer

Inside View

£13.95

- *Demagnetizes in One Second*
- *Cordless - Requires No AC*

Prevents loss of high frequency response! Loads like an ordinary cassette - ideal for auto players. Completely automatic, with LED indicator includes alkaline long-life battery. **44-1165** **£13.95**

Budget Demagnetizer

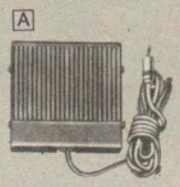
£5.49

For Cassette or Open Reel Equipment!

Pencil-shaped head demagnetizer reduces hiss and helps maintain high frequency response. Mains operation. **44-772** **£5.49**

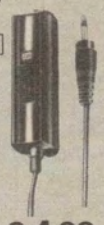
Remote On/Off Switches

A



£2.79

B

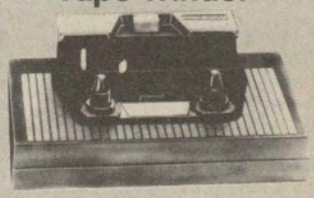


£1.99

A **Foot Switch.** With sub-mini plug. Fits into remote control jack of recorder. **44-610** **£2.79**

B **Hand Switch.** Convenient remote on/off control. **44-777** . **£1.99**

Electric Cassette Tape Winder



Automatic End-of-Tape Shut-Off

£6.95

Rewind one cassette while you listen to another! Stores like a cassette. Typical rewind time for a C-60, less than 45 seconds! Requires 3 "AA" batteries. **44-209** **£6.95**

Car/Boat Adapter

£3.95

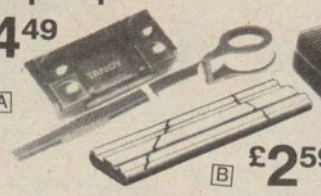
- *Powers Most 6 and 9v Portables*

Car boat adapter, saves batteries - powers most 6 and 9v portable radios and cassette recorders from cigarette lighter. LED indicator. Fused. 12v DC neg. gnd.
14-844 ..... **£3.95**

Tape Splicers Make Editing and Repairs Easy

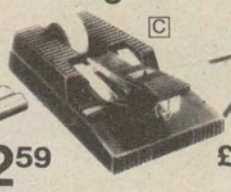
£4.49

A



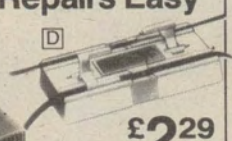
B £2.59

C



£5.49

D



£2.29

A **Tape Editing Kit.** Includes editing block for 1/8" and 1/4" magnetic tape, cutting blade and roll of splicing tape. **44-9213** **£4.49**

B **Open Reel/Cassette Editing Block.** Anodized aluminium splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. **44-224** **£2.59**

C **Cassette Splicer.** Chromed cut/trim lever cuts diagonally, trims excess tape. Includes roll of splicing tape. **44-214** **£5.49**

Tape Repair Kit. For 44-214 above. **44-218** **£1.49**

D **Tape Splicing Block.** Economically priced tape splicer. Edit and splice your own tapes quickly and easily! Includes cutting blade. **44-9230** . **£2.29**

Splicing & Sensing Tape

A

99p

B

69p

A **Splicing Tape.** For repair and editing. Polyester base resists age, heat, humidity. 100" roll.

Width	Cat. No.	Price
7/32"	44-1125	69p
3/4"	44-1126	69p
1/8"	44-1128	69p

B **Sensing Tape.** For recorders with contact or photo sensing systems. 7/32 x 100". **44-1155** **99p**

Cassette Hand-Winder

£2.99

Rewind cassette tapes by hand. Saves your portable's batteries. Winds a C-90 cassette in just 60 seconds — faster than most recorders! **44-223** **£2.99**

Phone Pickup Coil

Easy To Use

99p

For recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini plug. **44-533** ... **99p**

Heavy-Duty Carry Strap

£3.99

Great for Portable Radios and Tape Players

Durable nylon web strap. Fully adjustable, with sturdy metal clasps. **44-690** **£3.99**

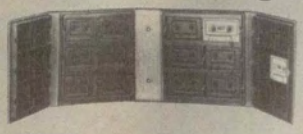
Cassette Fast Wind

£1.99

Fast-wind tape by hand while listening to others. Winds a C-90 cassette in just 60 seconds!
44-9211 ..... **£1.99**

Protect and Organize Your Audio/Video Tape Library

Cassette Storage Albums



NEW FOR 83

Low As £3.69

Stores Like a Book

12-Cassette Album. Tapes snap in and out. Folds up to 10½ x 9½ x 1¼". **44-612** £3.69
24-Cassette Album. With handle. **44-609** £7.69

60-Cassette Carrying Case

£14.95

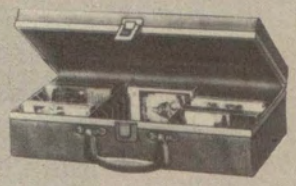
NEW FOR 83

Double Sided Design!

Take all your tapes along! Opens from either side. Durable "saddle hide" vinyl finish, snap latch. 14¼ x 9⅞ x 6½". **44-679** £14.95

Deluxe 24-Cassette Case

£11.95



NEW FOR 83

Attache Case Styling

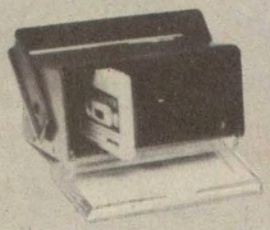
Padded leather-look vinyl finish. Cushioned interior design. Latch. 14⅛ x 7½ x 4¼". **44-663** £11.95

36-Cassette Storage Cabinet

Stacks with Components £14.95

Organizes cassettes for easy selection. Walnut vinyl veneer cabinet complements most hi-fi components. 4¼ x 15⅝ x 12½". **44-669** £14.95

Carsetter Cassette Carrier



£3.29

• *Holds Ten Cassettes!*

Carsetter cassette carrier - holds ten cassettes and attaches under your dashboard. Easily removed for handy portable use. **44-9017** £3.29

12 and 24-Cassette Cases

Low As £5.95

NEW FOR 83

Scuff-Proof Padded Vinyl!

Choice of two cassette cases to hold 12 or 24 cassettes, in scuff-proof padded vinyl with snap lock cover and integral carrying handle.
12-Cassette. 44-657 ..... £5.95
24-Cassette. 44-658 ..... £8.95

Cassette O-Matic*

NEW FOR 83

£1.79

Holds Tapes Securely

Five-cassette storage system expands easily — just interlock more modules. **44-674** .. £1.79

*TM A.D. Communications

Cassette Pouch

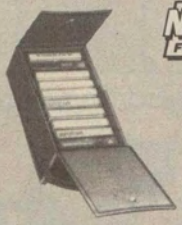
£1.49

Holds Three Tapes!

Attaches to your belt or to the shoulder strap of portable players. **44-691** £1.49

10-Cassette Case

NEW FOR 83



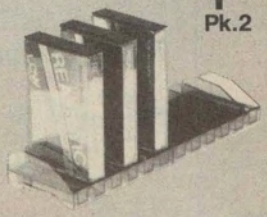
£5.95

Great for Home, Car or Portable Use!

Handsome padded brown vinyl. Snap-lock cover, hand strap. 9¾ x 5½ x 3¼". **44-659** £5.95

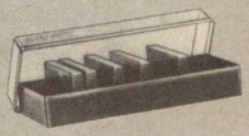
Cassette Stand

£1.49 Pk.2



Pack contains two units which interlock and can hold 6 cassettes each. Sturdy plastic racks. **44-9206** £1.49

Low-Cost Storage Case



Fits Shelf or Drawer £3.99

Holds 15 cassettes, smoke-tinted cover protects tapes - lifts off for easy access. 3⅛ x 12½ x 4½".
44-665 ..... £3.99

Video Cassette Accessories For Extra Performance and Convenience

Video Cassette Labels

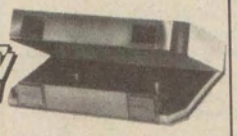
NEW FOR 83

Pkg. of 10 £1.49

For easy tape re-labeling.
VHS 44-1177 .. Pkg. 10/£1.49
Beta. 44-1178 ..... Pkg. 10/£1.49

Video Tape Mailers

NEW FOR 83



£2.49 *Labels Included*

Ideal for mailing your tapes, labels included, they lock, and also provide dust-free storage for tape libraries.
VHS 44-1192 ..... £2.49
Beta 44-1193 ..... £2.49

Video Log Index System

NEW FOR 83

£4.49

Organize Your Tape Collection!

Ring binder "book" stores like a video cassette. With master "title" index cards, 50 removable information cards. **44-1176** £4.49

Video Tape Rack

NEW FOR 83

£2.49

Stores Ten Cassettes!

Durable smoked acrylic construction, for wall or shelf use. Accepts Beta or VHS. No-mar rubber feet. **44-1194** £2.49

Video Tape Storage Modules

NEW FOR 83

£5.95

Holds Six Tapes

Video tape storage modules organize your tapes. Easily Expanded by locking on more modules. Holds up to six cassettes.
For VHS. 44-1190 ..... £5.95
For Beta. 44-1191 ..... £5.95

TAPES NOT INCLUDED WITH ITEMS ON THIS PAGE

Video Cassette Accessories for Exceptional Performance

Automatic VCR Cleaning System

NEW FOR 83

Avail. Nov. 30th

Loads like a Cassette – just play

VCR Cleaning Kit. No need to open your VCR. Non-abrasive system thoroughly cleans all heads, capstan and pinch roller. Special disposable cleaning inserts are pre-moistened with Freon TF* solution and sealed - no guesswork, no spills. Includes three inserts.

*TM E.I. du Pont de Nemours & Co. Inc.

A **For VHS Recorders. 44-1174** **£14.95**

B **For Beta Recorders. 44-1175** **£14.95**

C **Cleaning Insert Refills.** Individually sealed, pre-measured, easy to use.
44-1173 ..... **Pkg. of 3/£2.49**

VCR Cleaning Kit

£8.95 *Keep Your VCR at Peak Performance!*

Helps remove deposits from heads, rollers, capstan. Includes four re-usable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, ½-oz, of Freon TF cleaner, instructions. **44-1172** **£8.95**

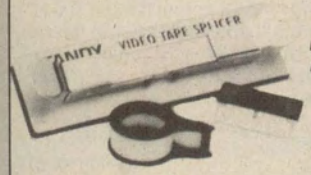
Video Tape Eraser

NEW FOR 83

£19.95

Ensures that your tapes are signal free for the highest quality recording your VCR can provide. Powerful magnetic field far exceeds the erasure capability of your VCR.
44-7000 ..... **£19.95**

Video Tape Splicer



NEW FOR 83 **£16.95**

Repair your tapes easily and accurately. Fitted with specially designed clamps to hold tape securely in place while diagonal or butt splices are being made. Supplied with easy-to-follow instructions. **44-7002** **£16.95**

Video Care Kit

£13.95 NEW FOR 83

Includes "rub down" titling kit, a soft cloth, screen cleaner, 30ml head cleaning fluid and tools, and an air-blast to remove dust from hard to reach places. **44-7005** **£13.95**

• *Ideal Gift*

Video Recorder Cover

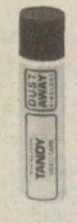
NEW FOR 83

£6.79

Protect your Video Recorder from dust, corrosion and scratches.
44-7003 ..... **£6.79**

Dust Away

£3.49 NEW FOR 83



Dust away air blast allows easy and safe removal of dust, dirt and oxide deposits that accumulate around the tape travel path.
44-7001 ..... **£3.49**

Tape Head Cleaning Fluid

£1.99

56ml bottle cleaning fluid – restores recording and playback performance to cassette, reel-to-reel, 8-track and video machine.
44-9216 ..... **£1.99**

Video Head Cleaning Kit

£2.49

Restore and keep the brillance of picture and sound. To be used with cleaning fluid 44-9216
44-9240 ..... **£2.49**

Handy TV/Video Selector

£29.95 NEW FOR 83

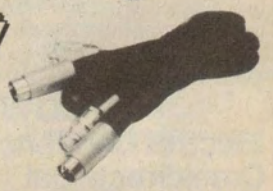
• *Switch Between Up to Five Video Inputs*

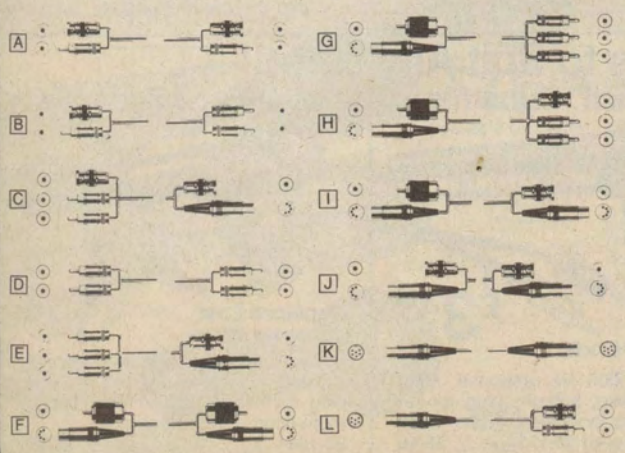
No more disconnecting and reconnecting cables every time you want to switch video components! Connect a TV antenna, a TRS-80 or other computer, video game, VCR, plus a video disc player or cable TV. Direct the input you select to TV set for viewing and/or VCR for taping. TV and VCR outputs, inputs for antenna, CATV, VCR, Aux-1 and 2. Simulated walnut finish. 2 x 8⅞ x 4½". **15-1261** **£29.95**

Save Time And Trouble

Top-Quality Video Leads From Tandy

NEW FOR 83





• *Combined Sound and Vision In One Lead*

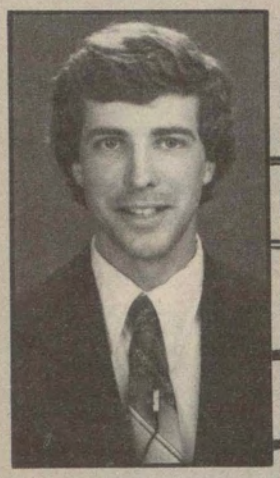
• *Save Money and Clutter, Buy One Lead Not Two!*

Instantly identify the lead suitable for connecting any two of the popular video cassette recorders listed on the chart, available at your Tandy store. All cables combine sound and vision connections in one lead.

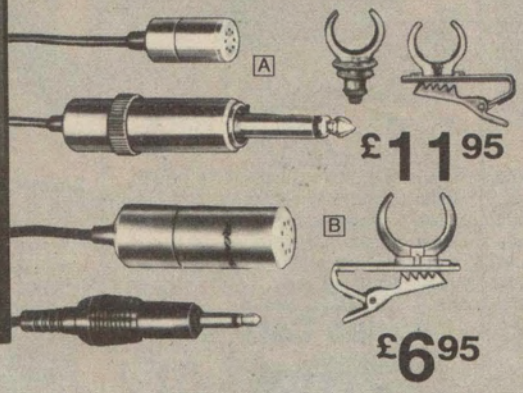
For the DIY enthusiast, and those wanting to customize leads for special requirements, Tandy stocks a wide range of video plugs and connectors. See page 86 for further details.

Fig.	Cat. No.	Description	Length	Price
A.	15-7000	BNC/Phono to BNC/Phono Plug	2 metres	£5.95
B.	15-7001	BNC/Phono to 2 x Phono Plug	2 metres	£5.49
C.	15.7002	BNC/2 x Phono to BNC/5 Pin Din Plug	2 metres	£6.95
D.	15-7003	2 x Phono Plug to 2 x Phono Plug	2 metres	£3.89
E.	15-7004	Phono/2 x Phono Plug to BNC/5 Pin Din Plug	2 metres	£6.49
F.	15-7005	PL259/5 Pin Din Plug to PL259/5 Pin Din Plug	2 metres	£6.95
G.	15-7006	PL259/5 Pin Din Plug to Phono Plug/2 x Phono Plug	2 metres	£5.95
H.	15-7007	PL259/5 Pin Din Plug to BNC/2 x Phono Plug	2 metres	£6.49
I.	15-7008	PL259/5 Pin Din Plug to BNC/5 Pin Din Plug	2 metres	£6.95
J.	15-7009	BNC/5 Pin Din Plug to BNC/5 Pin Din Plug	2 metres	£7.49
K.	15-7010	6 Pin Din Plug to 6 Pin Din Plug	2 metres	£5.49
L.	15-7011	6 Pin Din Plug to BNC/Phono Plug	2 metres	£5.99

Mikes and Accessories to Help You Sound Your Best



Tie-Clip Microphones For "Hands-Free" Recording and PA



£11.95

£6.95

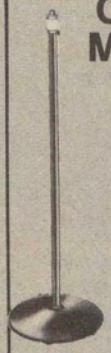
Ultra-Mini Size With Clip and Pin

A Omnidirectional. 20 to 12,000 Hz, 600 ohms. Includes 10-ft cord, ¼" plug, ⅛" mini-plug adapter, long-life mercury battery. **33-1056** **£11.95**

Low-Cost Tie-Clip Microphone

B Fastens to tie or lapel. 30 to 12,000 Hz, 600 ohms. 6-ft. cord with ⅛" mini plug. With battery. **33-1058** **£6.95**

Cast Base Mike Stand



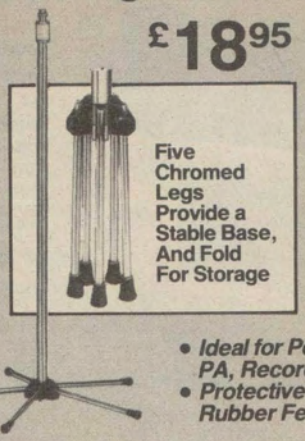
£16.95

- *Polished Chromed-Steel Tubes*
- *Easy-to-Adjust "Sure-Grip" Clutch*

Attractive, durable stand adjusts quickly from 34" to 62". Low-profile black cast-iron base has protective rubber feet. Standard ⅝"-27 thread. **33-320** **£16.95**

Folding Mike Stand

£18.95



- *Ideal for Portable PA, Recording*
- *Protective Rubber Feet*

Positive-action clutch adjusts instantly from 32" to 57". Standard ⅝"-27 thread. **33-325** **£18.95**

31-Inch Mike Boom Adapter

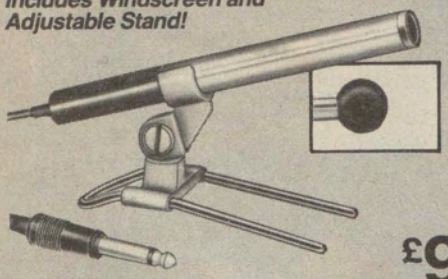
Chromed Tube With Built-In Counterweight

£8.95

Heavy-duty swivel. Tube length and angle adjust independently. Standard ⅝"-27 thread - attaches to any floor stand. **33-344A** **£8.95**

Lightweight Electret Omni

Includes Windscreen and Adjustable Stand!



£9.95

Perfect for Hi-Fi Recording

Less than three ounces, yet provides outstanding sound quality with music or speech. 20 to 13,000 Hz response. 600 ohms. On/off switch. 9-ft. cable, ¼" plug. With battery. **33-1050** **£9.95**

For Hand, Table or Lavalier

Ideal for PA/Recording

With Neck Cord and Desk Stand

£7.95

Realistic MC-1000. This slim omnidirectional dynamic mike is great for many uses. 150 to 10,000 Hz response. High (10,000 ohms) impedance. With 6 ft. cable, ¼" phone plug. **33-990** **£7.95**

Ultra-Slim Pencil Mike Clips to Your Pocket

£14.95

Ideal for Lecturers - Can Be Hand Held or Clipped To Outside of Pocket for Easy, Hands-Free Use!

Lightweight omnidirectional electret mike. Medium impedance, 20-16,000 Hz. 10' cord ¼" phone plug, ⅛" adapter to fit most cassette recorders. Includes battery, clip-on stand. **33-1061** **£14.95**

Low-Cost Realistic™ Microphones to Suit Any Need!

Electret Condenser Omnidirectional

Hi-Fi Response

£5.95

Has ⅛" mini-plug for audio, sub-mini plug for remote on/off control of recorder. 20 to 13,000 Hz. With stand, windscreen. Requires 1 "AAA" battery. **33-1060** **£5.95**

Dynamic Omni

£6.95

For Hand or Tabletop Use

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz response. Low impedance. Includes 6½-ft. cord, desk stand. **33-1040** **£6.95**

"Pencil" Dynamic

£3.49

Easy to Handle

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand. 6-ft. cord. **33-1034** **£3.49**

Low-Cost Dynamic

Replaces Lost Cassette Mikes

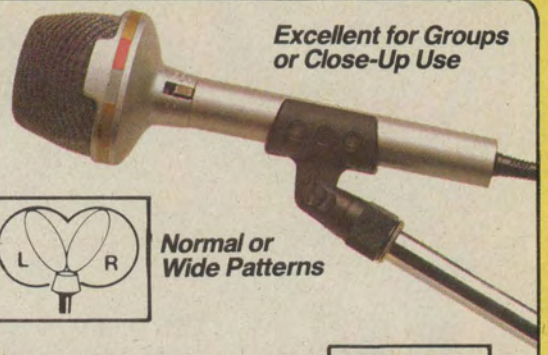
£1.95

Dynamic sound quality at the price of a crystal mike. Wide response. Mini-plug for mike, submini plug for remote control. Slip-on stand. **33-1054** **£1.95**

LET REALISTIC MICROPHONES BRING YOUR SOUND ALIVE!

Realistic™ Microphones For Stage, Studio and Home

Versatile Stereo Microphones Simplify Recording - Two Elements in One Housing for Easy Positioning

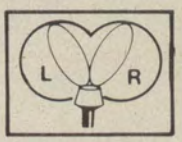


Excellent for Groups or Close-Up Use

Deluxe One-Point Electret Condenser

Two sensitive electret elements in a "crossed -cardioid" pattern and a special matrix circuit let you select "normal" pattern, or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. Wire mesh screen cuts wind noise and breath "pops". On/off switch. 10 ft. cord. with two 1/4" phone plugs. Includes vinyl case, stand adapter. Requires "AA" battery. **33-919** **£27.95**

£27.95

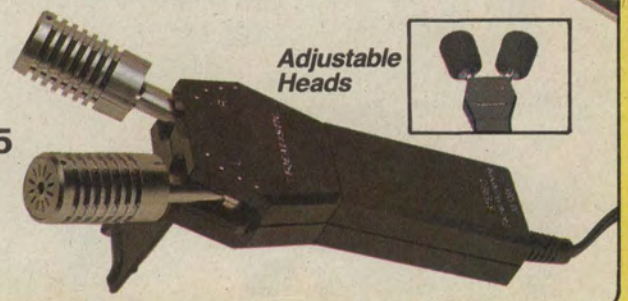


Normal or Wide Patterns

Dual Heads—Ideal for Portable Recorders

An inexpensive way to make stereo recordings without using two separate microphones. Each cardioid pattern electret condenser head adjusts up to 90° for optimum stereo separation - ideal when recording large musical groups or conferences. Built-in table-top stand. 50 to 15,000 Hz response. 6½ ft.. cord has two 1/8" mini plugs for use with most portable stereo cassette recorders. With two foam windscreens. Requires "AA" Battery. **33-1065** **£11.95**

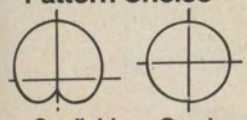
£11.95



Adjustable Heads

Professional-Quality Mikes for Recording and Sound Reinforcement

Pattern Choice



Cardioid **Omni**

Cardioid or Unidirectional. Pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equal response from all directions.

2-Way Use!

Adaptable to "pro" XLR 3-wire balanced low-Z output, or use 1/4" plug as supplied. 33-1080, 33-984, 33-1070, 33-1071.

Cardioid Electret Condenser

A Ideal for critical recordings! 20 to 20,000 Hz ± 4 dB response. Features superthin 4-micron diaphragm and "back-electret" design. Low-frequency contour switch helps control "proximity" effect for close-up use. Balanced low-impedance (XLR) capability. Includes foam windscreen, 16-ft. cable with 1/4" plug, vinyl case, stand adapter. Requires "AA" battery. **33-1080** **£29.95**

£29.95

Dynamic With Unidirectional Pattern

B Realistic Highball. 80 to 15,000 Hz response. Selectable high/low impedance - works with tube-type or solid-state equipment. Balanced low-Z (XLR) capability. Includes 16-ft. cable with 1/4" plug, vinyl case, stand adapter. **33-984** **£29.95**

£29.95

Super-Omnidirectional Dynamic

C Flat 40 to 17,000 Hz response - perfect for music or hand-held vocals. Rugged metal body. Built-in windscreen, rubber shock ring. Low-Z (XLR) capability. 16-ft. cable, 1/4" plug, case, stand adapter. **33-1070** **£21.95**

£21.95

Dynamic Cardioid With "Pop" Filter

D NEW FOR 83

£16.95

Available Oct. 30th

D Special wire-mesh grille cuts wind noise - perfect for vocal and outdoor use. Heavy-duty die-cast body, on/off switch. 50-15,000 Hz. Balanced low-Z capability. 12-ft. cable, 1/4" plug, stand adapter. **33-1071** **£16.95**

Super-Cardioid Dynamic

E NEW LOW PRICE

£13.95

E Excellent for PA or recording. Tight directional pattern minimizes feedback. Built-in windscreen. 80 to 14,000 Hz. All-metal body. On/off switch. 600 ohms. 6-ft. cable with 1/4" plug, stand adapter. **33-992B** **£13.95**

All-Purpose Omnidirectional Dynamic

F

£9.95

F Realistic Highball-2. 50-13,000 Hz. Wire-mesh windscreen with internal filter reduces "pops". Chromed body. On/off switch. 600 ohms. 6-ft. cable, 1/4" plug, stand adapter. **33-985C** **£9.95**

Acoustic Foam Windscreen

NEW FOR 83

89p

Acoustic foam windscreen fits on the top of most microphones. Helps prevent wind and breath "pop". **33-373** **89p**

Available Sept. 30th

Discover the Exciting Sound of Headphone Stereo

- *10-22,000 Hz*
- *Low Distortion*

£37.95

- *20-20,000 Hz*
- *Volume/Balance Controls*

£19.95

- *30-18,000 Hz*
- *Large Elements Deliver Solid Bass*

£15.95

- *50-15,000 Hz*
- *Glide-Path® Controls*

£9.95

All Headphones Above Include ¼" Plug And Are Designed For Low Impedance Use

A **Realistic PRO-IIA.** You'll get sensational stereo from special Mylar diaphragm drivers for a frequency response that's a full two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches - you hear the highest highs, and lowest lows with sparkling clarity. Air-filled cushions, heavily padded, adjustable headband for extra comfort. 10' coiled cord. **33-996** **£37.95**

B **Realistic Nova-PRO.** Great stereo sound at your fingertops! Dual controls let you adjust the volume and balance just the way you like it -without leaving your chair. Rugged vinyl drivers handle high volume levels with ease. Comfortable foam-filled earcushions and padded, adjustable headband. 10' coiled cord. **33-1014** **£19.95**

C **Tandy Nova 40.** Feature-packed, budget price! 3½" drivers deliver full-range sound from deep, pleasing bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 10' coiled cord. **33-9993** **£15.95**

D **Tandy Nova 16.** Lightweight for hours of listening pleasure and you can easily adjust the left and right volume levels and balance as desired. Adjustable foam-padded headband and air cushion earpads. 6½" cord. **33-9116** **£9.95**

E **Tandy Nova 12.** Enjoy private stereo with one of our lowest priced headphones! The 2" drivers provide full bass, and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 6½' cord. **33-9012** **£7.95**

Add Convenience to Your Listening With Headphone Accessories

Coiled 24-Ft. Extension

£4.99

Lets you move about freely. Heavy-duty cable with ¼" stereo plug and inline jack. **42-2443** **£4.99**

20-Ft. Adapter/Extension

£3.29

Connects ⅛" stereo mini jack to ¼" stereo plug. Ideal for home use of personal lightweight headphones. **42-2460** .. **£3.29**

⅛" Jack Adapter

£1.39

Adapts ¼" stereo headphone plug to ⅛" stereo mini-jack (on new generation of stereo mini portables) **274-366** **£1.39**

¼" Jack Adapter

£1.19

Adapts ⅛" stereo headphone mini-plug to ¼" stereo phone jack. **274-367** **£1.19**

20-Ft. Headphone Extension

£2.99

You can easily listen anywhere in the room. Non-coiled flexible cable with ¼" stereo plug and inline jack. **42-2442** **£2.99**

3-Ft. Headphone Y-Adapter

NEW LOW PRICE

£2.99

Share your stereo listening enjoyment with another music lover! Connect two headphones to a single ¼" stereo phone jack. **42-2448** **£2.99**

Mini Stereo Y-Adapter

£1.59

Adapts two ⅛" stereo headphone plugs to one ⅛" stereo plug so you can use two headphones at once. **274-313** **£1.59**

Headphone Coupler

£1.59

Add-A-Jack

Enjoy stereo headset listening with equipment having no headphone jack - attaches to speaker terminals. **33-1009** **£1.59**

WITH OVER 300 STORES AND DEALERS NATIONWIDE - WE'RE NEAR YOU!

Tandy® Lightweight Headphones - Music to Your Ears

Our Finest Headphones

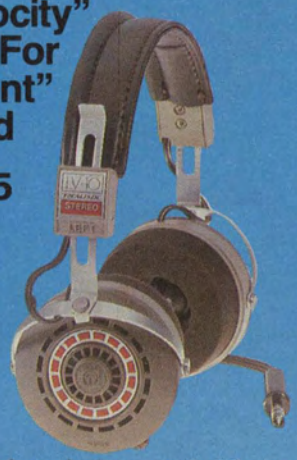
£39.95

- *15-30,000 Hz Response*
- *Low Distortion-Less Than 0.5% THD*
- *Weigh Less Than Eight Ounces*

Realistic PRO-60. Variable-density earcushions fit around the ear. Feature an "acoustic resistance" for solid bass response with open, transparent mid-range and treble. 10-ft. coiled cord, 1/4" plug.
33-999 ..... **£39.95**

"High Velocity" Phones For "Up-Front" Sound

£32.95



- *20-20,000 Hz*
- *Soft Foam Earcushions*
- *Weigh Under 10 Oz!*

Realistic LV-10. Unique electro-acoustical design and 2" dynamic elements deliver all the punch of a "live" rock concert with low distortion. 10-ft. lightweight coiled cord, 1/4" plug.
33-1004 ..... **£32.95**

Low-Profile Headphones Feature Planar Drivers

£26.95

- *20-20,000 Hz Response*
- *Uniform Phase Design*
- *Rare-Earth Magnets*

Realistic PRO-30. Try 'em on for great stereo! Low-mass drivers provide excellent transient response - you hear the music exactly as it is, without colouration. 10-ft. lightweight coiled cord. 1/4" plug. **33-995** **£26.95**

Handy "Fold-Up" Micro-Headphones

NEW FOR 83

£14.95

- *50-20,000 Hz Response*
- *Rare-Earth Magnets*
- *6 1/2-Foot Cord*

Realistic Nova 51. Ideal for portable stereos! 1/4" plug. Only 3 oz.
33-978 ..... **£14.95**
Realistic Nova 52. As above, but with 1/8" plug. Only 2.5 oz.
33-979 ..... **£14.95**

Lightweight Micro-Headphones

£12.95

Weigh Less Than 2.8 Oz!

Realistic Nova-50. Rare-earth magnets, efficient Mylar drivers. 50-20,000 Hz. 1/4" plug. Foam earcushions. 6 1/2-ft. cord.
33-9998 ..... **£12.95**

Micro-Folding Stereo Headphones

£9.95 Available 15th September 1982

NEW FOR 83

- *Pocket Portable in 2 Cassette Sized Case*

Realistic compact micro headphones. Take great stereo listening with you wherever you go. 20-22,000 Hz. Adjustable headband, foam earpads, 1/8" plug, 5' cord.
33-9020 ..... **£9.95**

Budget-Priced Micro-Headphones

NEW FOR 83

£7.95

- *50-20,000 Hz Frequency Response*
- *Weigh Less Than 3 Oz.*

Realistic Nova-35. Fits many stereo players - ideal as a second set. Foam earpads, adjustable headband. 5-ft. cord, 1/8" plug.
33-1035 ..... **£7.95**

Earphones and Accessories for Special-Listening Applications

Earphones & Extension

A Fits most portable radios and recorders.
FROM 49p
3/32 Plug. **33-174** **49p**
1/8" Plug. **33-175** **59p**

B **20-Ft. Extension.** 1/8" jack and plug fit most transistor radios, cassettes.
99p
33-176 ..... **99p**

Nova-Fone™ Earphone

£3.95

- *Comfortable*
- *Wide Response*

A speaker that completely covers your ear - you hear full-range sound. 1/8" plug fits many portables. 8 ohms.
33-1036 ..... **£3.95**

Deluxe Pillow Speaker

£3.79

Slips under pillow for "private" listening. 1/8" mini plug fits earphone jack of most clock radios and cassette portables.
33-207 ..... **£3.79**

Pillow Speaker

£1.29

Listen while resting without bothering others. 1/8" mini plug fits most clock radios and portables.
33-206 ..... **£1.29**

Stereo/Mono Headset

£6.95

- *Stereo/Mono Switch*

Lightweight under-chin design. Ideal for dictation or music. Works with stereo or mono 1/4" jack. 8 ohms. **33-196** **£6.95**

Micro-In-Ear Stereo Earphones

£7.95

NEW FOR 83

Slips into Outer ear

ACTUAL SIZE

- *0.6 Ounce*
- *50-20,000 Hz*

Available 30th October 1982

Our lightest! Great-sounding phones fit inside ear - no headband. Foam cushions, 4-ft. cord, 1/8" plug. With carry pouch.
33-977 ..... **£7.95**

SEE THE TANDY SELECTION OF HEADPHONE PLUG ADAPTERS ON PAGE 83

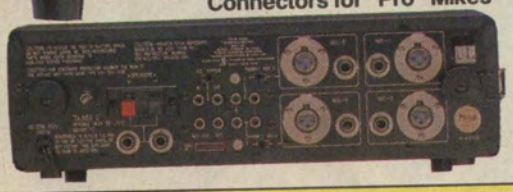
Realistic™ PA Amplifiers for Every Application

Professional 80-Watt Sound Reinforcement Amp

£159.95

- *Power Meter Monitors Output Level*
- *In/Out Jacks for Equalizer, Reverb*
- *Cue/Monitor Selector for Headphones*
- *Mix Bus Jack to Stack Extra Amps*
- *Spring-Loaded Speaker Terminals*
- *Convenient Cord Storage Posts*

1/4" Mike Jacks and XLR-Type Connectors for "Pro" Mikes



Realistic MPA-80. The power and portability you want in a professional PA amplifier! Great for "live" bands — with plenty of power to fill large auditoriums. Four hi/lo impedance mike inputs and an aux. input with Glide-Path™ level controls for each. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector lets you listen through headphones to each individual input or overall mix — makes cuing easy. Master volume has memory ring to aid in resetting level. Lighted power meter and LED clipping indicator help avoid distortion. Overload protected. **32-2026** **£159.95**

Frequency Response: 30-20,000 Hz. **Power:** 80 watts rms at 4 ohms. **Outputs:** mix bus, EQ in/out, quick-connect terminals, two 1/4" jacks for 4 to 16-ohm speakers, 1/4" headphone jack. **Power Requirement:** 220/240VAC, 50 Hz, 200W. **SIZE:** 4 3/8 x 14 1/2 x 10 1/2".

Compact 35-Watt PA Amplifier Features Remote Priority Override

£89.95

- *Perfect for Medium-Size Auditoriums, Churches, Paging and Background Music*
- *70-Volt Output For Multi-Speaker Systems*

Realistic MPA-35A. Ideal for many PA applications - superb sound at low cost! Three mixable Glide-Path controls for Mike-1, Mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Has remote control terminals for Mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, on/off indicator. Metal case. **32-2027** **£89.95**

Available Oct. 30th

Frequency Response: 150-12,000 Hz. **Power:** 35 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line, two screw terminals for remote priority switching. **Power Requirement:** 220/240VAC, 50 Hz, 120W. **SIZE:** 4 1/2 x 11 1/2 x 7 1/2".

20-Watt PA Amplifier

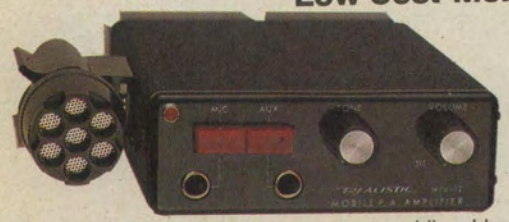
£69.95

- *Accepts Either Hi or Lo-Z Mikes*
- *High-Level Phono/Aux Inputs*
- *Operates From 240v AC or 12v DC*

Realistic MPA-20A. Great versatility — use it anywhere! Three mixing controls: two mikes and dual-function phono/aux. Master volume and tone controls, pushbutton on/off switch, LED power indicator. Metal case. Includes mobile mounting bracket. 12v DC power cord with cigarette lighter plug. **32-2020** **£69.95**

Frequency Response: 150-20,000 Hz. **Power:** 20 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers and 70V line. **Power Requirements:** 220/240v AC, 50 Hz, 40W. 12v DC neg. gnd., 3.5A. **SIZE:** 4 1/2 x 10 1/2 x 7 1/2".

Low Cost Mobile Amplifier



£29.95

- *Dynamic Mike Included*
- *Auxiliary Input for Tuner, Phono or Tape Recorder*

Realistic MPA-10. Ideal for almost any public address application. Features mike and aux. selectors. Volume and tone controls, screw terminal speaker connections. Output for 4 or 8 ohms. 10 watts RMS at 8 ohms. With mounting bracket, mike and mike clip. **32-2019** **£29.95**

Hand-Held PA Megaphone

£29.95

- *Trigger-Grip On/Off Switch*

Powerhorn™. Completely portable PA system, ideal for sporting events, picnics, rallies. Make your voice intelligible up to 300 feet away. Requires eight "AA" batteries. **32-2029** **£29.95**

Available Oct. 30th

Save on PA Systems for Indoor or Outdoor Use

"Singers' Choice"

Save £88.35 Reg. Separate Items £867.35 **£779**

- *Realistic MPA-80 PA Amplifier*
- *Four Highball Unidirectional Microphones*
- *Four Cast-Base Mike Stands*
- *Four PA-99 Portable Column Speakers*

80-Watt Two-Microphone "Club System"

Save £54.65 Reg. Separate Items £513.65 **£459**

- *Realistic MPA-80 PA Amplifier*
- *Two Highball Unidirectional Microphones*
- *Two Cast-Base Mike Stands*
- *Two PA-99 Portable Column Speakers*

Portable 80-Watt "Disc Jockey" Music System

Save £106.40 Reg. Separate Items £995.40 **£889**

- *Realistic MPA-80 PA Amplifier*
- *Highball Unidirectional Microphone*
- *Cast-Base Microphone Stand*
- *31" Microphone Boom Adapter*
- *Two LAB-290 Belt-Drive Turntables*
- *Five-Band Graphic Equalizer*
- *Nova™-PRO Stereo Headphones*
- *Four PA-99 Portable Column Speakers*

"Toastmaster's" Special System

Save £39.75

Reg. Separate Items £368.75

£329

- *MPA-80 PA Amplifier*
- *Highball Mike • Mike Stand*
- *Two PA-88 Portable Column Speakers*

Portable System

Save £26.75

Reg. Separate Items £285.75 **£259**

- *MPA-35A PA Amplifier*
- *Cardioid Dynamic Mike*
- *Folding Microphone Stand*
- *Two PA-88 Column Speakers*

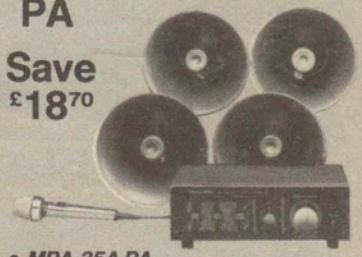
Deluxe Paging System

Save £19.55

Reg. Separate Items £208.55 **£189**

- *MPA-35A PA Amplifier*
- *Highball-2 Omnidirectional Microphone*
- *Cast-Base Desk Mike Stand*
- *Six Minimus™-6 Speakers*

Sports Announcer PA



Save £18.70

- *MPA-35A PA Amplifier*
- *Super-Cardiod Microphone*
- *Four 8" Powerhorn™ Speakers*

Reg. Separate Items £183.70 **£165**

"Anywhere" System

Save £20.80

Reg. Separate Items £185.80

£165

- *MPA-20A PA Amplifier*
- *Cardioid Dynamic Mike*
- *Folding Mike Stand*
- *PA-88 Column Speaker*

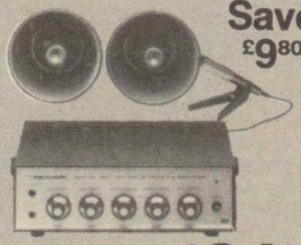
Low-Cost Paging

Save £11.65

Reg. Separate Items £126.65 **£115**

- *MPA-20A PA Amplifier*
- *Highball-2 Omnidirectional Microphone*
- *Cast-Base Desk Mike Stand*
- *Four 8" Wall Speakers*

"On-the-Go" PA System



Save £9.80

Reg. Separate Items £93.80 **£84**

- *MPA-20A PA Amplifier*
- *MC-1000 Dynamic Mike*
- *Two 5" Powerhorn Speakers*

Compact Portable System

Save £5.40

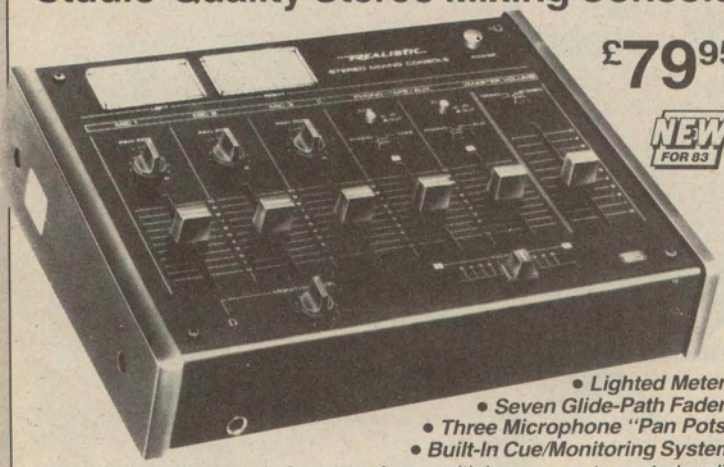
Reg. Separate Items £77.90

£72.50

- *MPS-20 PA Speaker/Amp*
- *MC-1000 Dynamic Mike*

Superb Realistic™ Sound Accessories for Any System

Studio-Quality Stereo Mixing Console



£79.95

NEW FOR 83

- *Lighted Meters*
- *Seven Glide-Path Faders*
- *Three Microphone "Pan Pots"*
- *Built-In Cue/Monitoring System*

Use this versatile console for taping from multiple sources, to control audio at live performances, or to blend turntables, tape decks, mikes for DJ programmes. Handles three mikes, two magnetic or caramic turntables and two tape decks. Cross-fader control lets you make skilful music transitions. Three microphone "pan" pots adjust each mike's apparent position in the stereo image. Adjustable cue/monitor level. Master fader controls overall volume. Response: 10-30,000 Hz. 2¾ x 10¾ x 8½". Mains operation.
32-1200 ..... £79.95

Stereo Mike/Tape/Phono Mixer

£49.95

"Cue" Function Allows Direct Monitoring of Turntable and Tape Inputs With Headphones

Mix two turntables, a tape deck and stereo mike just like professional DJs. Five glide path controls and dual VU meters. Magnetic and ceramic phono inputs, tape in and out, ¼" stereo headphone cue/monitor jack, ¼" mike jacks, battery-test button. Requires four "AA" batteries or mains adapter.
32-1100 ..... £49.95
Mains Adapter. 14-9854 ..... £3.95

Avail. 30th Sept.

NEW FOR 83

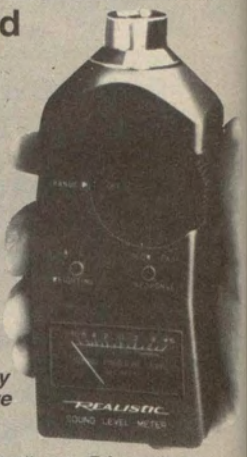
Versatile Low-Cost Stereo Microphone/Line Mixer

£15.95

- *Mixes Up to 4 Mikes And Line Inputs Simultaneously*

Ideal for adding extra inputs to a tape recorder or PA system. Four Glide-Path controls, stereo/mono switch, LED battery test indicator, mike level output. 2¾ x 8¾ x 5". Requires 9v battery. **32-1105** £15.95

Handy Sound Level Meter With Six Ranges



£24.95

- *Check Music or Noise Levels in Home or Industry*
- *Use With Frequency Equalizer to Improve Any Stereo System*

Great for adjusting equalizers, PA systems, or checking sound levels in schools, offices, factories. Reads 60 to 126 dB. SPL with slow and fast response settings. "A" or "C" weighting. Electret mike, tape recording output, socket for mounting on tripod. 6¼ x 2 7/16 x 1¾". Requires 9v battery. **42-3019** £24.95

Electronic Reverb Unit for Special Effects

Avail. 30th Sept.

NEW FOR 83

£29.95

- *In/Out Jacks for Mike/Guitar, And Line Level Signals*
- *Adjustable Delay (5-95ms), Depth and Repeat Controls*

Add unique sounds and effects to "live" vocals, recordings, or musical instruments. Works with tape decks, PA systems to guitar amplifiers. Features Glide-Path controls for mike mixing, level, delay time, repeat and echo depth. Solid-state analogue delay IC circuit has no moving parts or springs, insensitive to vibration and feedback. Has phono jacks for line in/out and ¼" mike in/out jacks. LED battery/test indicator. 2½ x 6⅝ x 4⅜". Requires six "AA" batteries, or mains adapter. **32-1110** £29.95
Mains Adapter. 270-9551 ..... £9.49

Portable Amplified Speaker For PA Versatility

NEW FOR 83

£69.95

- *Two-Way – 6½" Woofer, 1¼" Tweeter*
- *Operates From Mains Supply or 12v DC Mobile*
- *12 Watts*
- *Microphone and Line Inputs*

Realistic MPS-20. Big sound, yet easy to carry! Add a mike for a complete PA system. Amplifies instruments like a guitar, synthesizer. Aux. jack accepts high level sources or tape deck, mixes with mike input. Volume and tone controls. Rugged design, metal corner protectors, carry handle. 11½ x 9 x 6⅝". Mains operation or 12v DC with optional cord. **32-2028** £69.95
12v DC Cord. 270-1534 ..... £3.69

Realistic MPS-15 Practice Amplifier

£24.95

- *Built-In Speaker*
- *3 Watt Output*

NEW FOR 83

Realistic MPS-15. This compact and robust practice amplifier is ideal for the professional musician or the novice. Perfect for practice sessions, or to tune up/rehearse between performances. Can also be used with a mike as a personal PA system. Features headphone socket and volume control for private playing and double input jacks for "band practice" all powered by a 9 volt battery, mains adapter or suitable 9-12v DC supply.
32-7300 ..... £24.95
Mains Adapter. 270-9551 ..... £9.49

PA Speakers and Accessories for Quality Installations

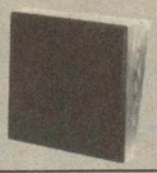
Wall Mount Hi-Fi Speaker

• *Up-Front Volume Control* **£16.95**

Minimus-6. 6½" speaker with volume control. Walnut vinyl veneer. 8 ohms. 12¾ x 10½ x 4¾". **40-221** **£16.95**

8" Wall Speaker/Baffle

• *For PA Or Music* **£9.95**



For PA or music. Volume control. Walnut vinyl. 8 ohms. 10¾x10¾x4¾". **40-219** **£9.95**

12" Powerhorn

£29.95

NEW LOW PRICE

Use indoors or out. Rust resistant. Mtg. bracket. 25 watts. 8 ohms. **40-1238** **£29.95**

8" Powerhorn

£19.95

Water/dust/shockproof. Mtg. bracket. 15 watts. 8 ohms. **40-1239** **£19.95**

5" Powerhorn

£7.95

Weatherized high-impact construction. Mounting bracket. 8 watts. 8 ohms. **40-1236** **£7.95**

CB/PA Extension 4" Powerhorn

£8.95

Rugged – use it indoors or out. With mounting bracket. 8 ohms. **40-1244** **£8.95**

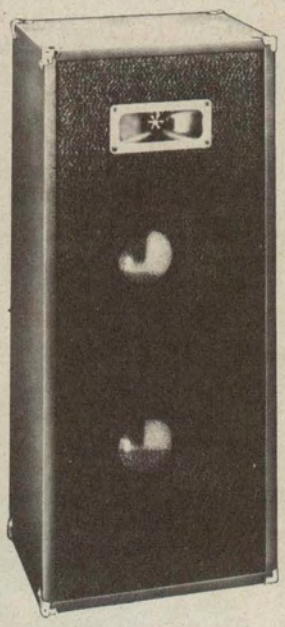
4" Portable Speaker

Garage, van, CB extension – use it anywhere! Keyhole slots. With hardware. 4¾x5½x3". 8 ohms. **40-1227** **£4.95**

£4.95

Ideal for Cars, Too!

High-Power Portable PA Sound Columns



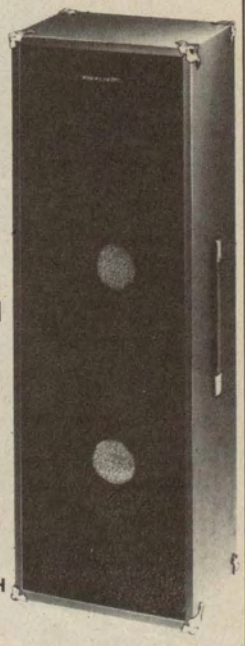
Great for Voice or Music in Schools, Clubs, Stage Shows, Sound Reinforcement On the Road

Two Heavy-Duty 10" Woofers Solid-State Piezo Horn Tweeter

£129.95 EACH

Two Heavy-Duty 8" Woofers Solild-State Piezo Tweeter

£79.95 EACH



[A] **Realistic PA-99.** Efficient, integrated speaker system features the latest advances in audio technology for high definition sound and music reinforcement! Wide 90-20,000 Hz response. System sensitivity: 94 dB (SPL at 1 M/1 W). Rugged vinyl enclosure with strong carrying handle, protective metal corners. Power handling capacity: 160 watts. Has ¼" jack, two push-terminals. 8 ohms. 30 x 13 x 9¾". **40-1410** **£129.95**

[B] **Realistic PA-88.** Designed for "natural" sound reinforcement! Controlled 130° sound dispersion maximizes coverage pattern, minimizes feedback for easy mike placement. Smooth 95-18,000 Hz response. System sensitivity: 89.6 dB (SPL at 1 M/1 W). Black vinyl enclosure with carrying handle, protective metal corners. Power handling capacity: 75 watts. Has ¼" jack, two push-terminals for easy hookup. 8 ohms. 30 x 10 x 6⅞". **40-1257** **£79.95**

XLR Mike Cable

£12.95

20-Ft. Extension

Heavy-duty three-pin male and female connectors. **42-2382** **£12.95**

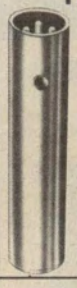
Transformer/ Adaptor

£6.49

Female XLR to ¼" Plug

Shielded. Transforms low-impedance balanced mike/line to high-impedance. Unbalanced. **274-016** **£6.49**

Transformer/ Adapter



£4.99

¼" Jack to XLR Male

Use high-impedance mike/line with low-impedance balanced-input equipment. Shielded. **274-017** **£4.99**

Desk Mike Stand

£6.95

Padded Feet

Cast base with 4" chromed tube. Standard ⅝"-27 thread. **33-370** **£6.95**

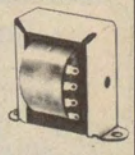
Mike Stand Thread Adapter

89p

Reduction thread for mike stands. Reduction from ⅝"-27 outer thread to ⅜" inner thread. **33-9101** **89p**

70V Line Transformer

For Multi-Speaker Systems

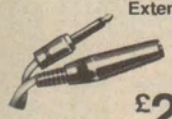


£2.99

Taps: 10/5/2.5/1.25/0.62 watts. for 4/8/16 ohms. **32-1031** **£2.99**

Std. Mike Cable

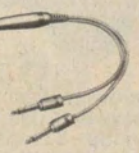
25-Foot Extension



£2.99

¼" moulded in-line phone jack to ¼" moulded phone plug. Grey finish. **42-2379** **£2.99**

Mike Adapter

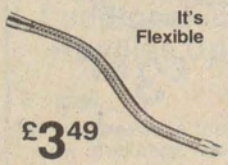


£1.99

Plugs one mike into both channels of stereo recorder. ¼" jack to two ¼" plugs. **42-2156** **£1.99**

13" Gooseneck

It's Flexible



£3.49

Position mike in any direction. Standard ⅝"-27 thread. **33-330** **£3.49**

⅝" Screw Flange

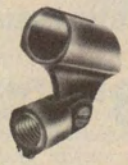
Die-Cast Construction

£1.59

Attach mike to desk or lectern. Standard ⅝"-27 thread. **33-332** **£1.59**

Mike Stand Adaptor

£1.39



Slip-in design holds most mikes. For use with standard ⅝"-27 thread. **33-371** **£1.39**

Clamp-On Adaptor

£1.99

Holds regular mike or clamps to stand for side mounting. Standard ⅝"-27 thread. **33-372** **£1.99**

Speakers for Custom-Designed Systems & Installations

8″ Polypropylene Woofer

Exceptional Low-Frequency Smoothness

£12.95

Available Sept. 30th

Light, rigid cone offers superior uniformity, reduces distortion and delivers smooth, uncoloured response. 50-watt power capacity. 30-3000 Hz response, 30 Hz free air resonance, 89 dB SPL (1W/1M), 0.41 Q_{TS}, 2.55 ft^3 V_{AS}, 10-ounce magnet. 8 ohms. **40-1021** **£12.95**

Foam-Surround Woofers for Deep, Well-Defined Bass

For Extended Low Frequencies When Used With a Properly Constructed Enclosure

All Realistic woofers provide clean, gutsy bass down to where sound becomes a physical sensation! High-temperature voice coils for reliability. Rigid frame construction insures proper alignment, long-life service. Mounting gaskets included. Ceramic magnets. Coded terminals for easy hookup. 8 ohms.

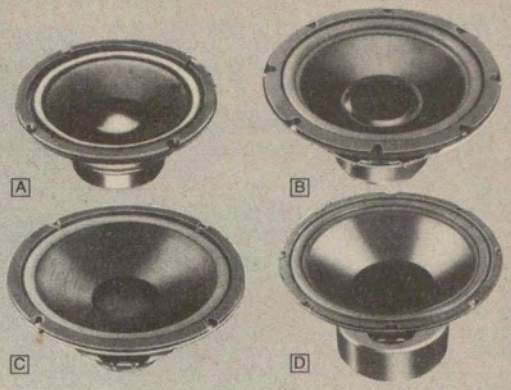


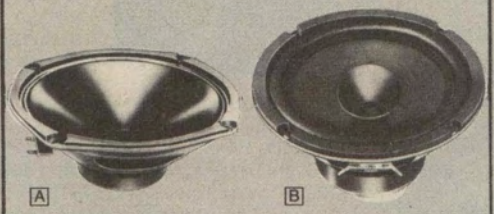
Fig.	Size	Power Capacity (watts)	Effective Frequency Range (Hz)	Free-Air Resonance (Hz)	Q_{TS}	V_{AS} (ft^3)	SPL (dB) 1W/1M	Magnet Wt. (Oz)	Recommended Crossover Frequency	Cat. No.	Each (£)
A	6½″	50	50-5000	45	40	1.2	90	12.9	4000 Hz	40-1009	10.95
B	8″	50	43-3000	43	46	2.15	82	16	2000 Hz	40-1006	14.95
C	10″	50	40-4000	40	93	4.3	91	9.12	800 Hz	40-1331	14.95
D	12″	50	20-2000	20	57	18.4	78	16	800 Hz	40-1007	27.95

Multi-Use Wide-Range Speakers

Enjoy clarity and wide-range sound reproduction with these value-priced little speakers. Designed for use as replacements in portable tape recorders, radios, CBs, telephone amplifiers, and more. 8 ohms.

Fig.	Size	Power Nom/Max (watts)	Magnet Wt. (Oz)	Cat. No.	Each (£)
A	3″	2.0	0.35	40-248	1.59
B	2¼″	0.5	0.35	40-246	1.29
C	2″	0.5	0.35	40-245	1.29

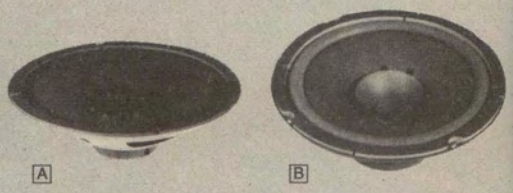
6″ Full-Range Speakers



Use these great-sounding speakers as extensions, replacements, in custom-built systems, ceiling installations, and more! Smooth response from solid lows through the important midrange frequencies, to extended highs. 8 ohms.

Fig	Descrip.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range kHz	Magnet Wt. (Oz.)	Cat. No.	Each (£)
A	6″	2/5	90 Hz	90-12K	2.8	40-1242	3.49
B	6″ w/ Whizzer	7/20	55 Hz	55-12K	9.8	40-1285	6.99

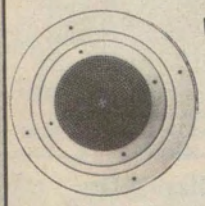
8″ Full-Range Speakers



Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms.

Fig	Descrip	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range kHz	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each (£)
A	8″	5/10	75 Hz	75-20K	88	2.77	40-1271	3.95
A	8″	4/10	90 Hz	90-20K	87	5.3	40-1272	5-49
B	8″ w/ Whizzer	30	57 Hz	57-16K	93	9.4	40-1286	7.99
B	8″ w/ Whizzer	35	55 Hz	55-16K	90	16.0	40-1341	12.95

Solid Steel Ceiling Speaker Grille



White Enamel Finish

£3.99

For mounting 8″ speakers in ceiling. With hardware. (Use with 40-1341/1286/1272/1271 above.)
40-1223 . . . . . **£3.99**

Acoustic Insulation

£3.95 ***For Custom Builders***

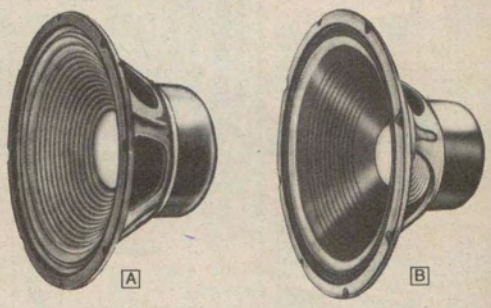
Fibreglass. For damping speaker enclosures. One square yard.
42-1082 . . . . . **£3.95**

Speaker Enclosure Manual For Do-It-Yourselfers

£3.69

All you need to know about speaker cabinet design! Chapters on how speakers work, construction plans, closed-box systems, tuned-port systems, musical instrument and PA speakers, crossover networks, testing, and more. With loudspeaker design computer programme for TRS-80 users. **62-2309** . . **£3.69**

Musical Instrument Speakers— Up to 100 Watts Capacity



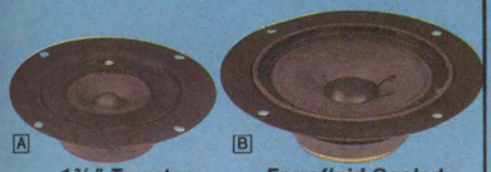
Favourites of musicians everywhere! Designed for heavy-duty use, heat-proofed to resist fracture and burnout. 8 ohms.

Fig.	Size	Power (Watts)	Free Air Res.	Res. (Hz)	Magnet Oz.	SPL (dB)	Cat. No.	Each (£)
A	12″	50	67 Hz	67-3500	20.39	89	40-1314	31.95
B	15″	100	62 Hz	62-3000	34.25	91.5	40-1315	44.95

BUY NOW, PAY LATER—ACCESS AND BARCLAYCARD HONOURED AT MOST STORES

Realistic™ High-Performance Speaker Components

Dynamic Cone Drivers



1¾" Tweeter — £2.95

Ferrofluid-Cooled 4" Midrange — £4.95

Enjoy extended high and mid-frequency response with these affordably-priced cone drivers, 8 ohms.

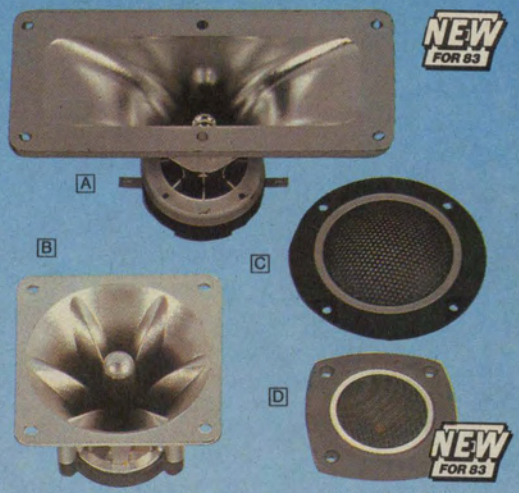
Fig	Power Nom/Max (watts)	Res Freq. (Hz)	Eff. Freq. Range kHz	SPL (dB) 1W/1M	Magnet Wt. (Oz)	Cat. No.	Each (£)
A	20/50	1700	5-20	91	2.04	40-1270	2.95
B	20/50	550	1.5-11	92	2.77	40-1282	4.95

Solid-State Piezo Tweeters

For Applications Requiring High Output Levels

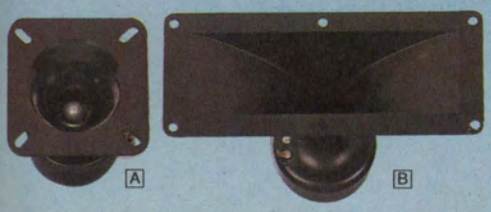
Upgrade your present speaker system—hear crisp, clean highs and superior sound fidelity. These high-performance tweeters employ a ceramic driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing." Virtually burnout-proof. Easy parallel hookup—no crossover required!

Fig.	Description	Power Nom/Max (watts)	Effective Freq. Range	SPL (dB) 1W/1M	Cat. No.	Each (£)
A	2 x 6" Horn	30/75	2-25 kHz	94	40-1379	9.95
B	3.5" Super Horn	30/75	5-25 kHz	95	40-1381	9.95
C	3.75" w/Dome	40/75	4-20 kHz	91	40-1382	5.95
D	2" for Home/Car	40/75	5-25 kHz	93	40-1383	3.49



Available Nov. 30th,

Dynamic Tweeter Horns



These quality horns deliver wide, controlled sound dispersion patterns. Ideal for use where high penetration levels are desired. Dynamic elements provide life-like reproduction or percussive and brass instruments.

Fig.	Descrip.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range kHz	SPL (dB) 1W/1M	Magnet Wt. (Oz)	Cat. No.	Each (£)
A	2¼" Radial	20/50	2500	6-16	98	2.75	40-1278	4.49
B	2x6"	12/30	1500	5-17	96	2.75	40-1228	9.95

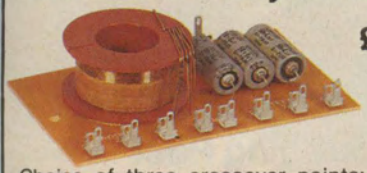
Wide-Dispersion Dome Tweeters and Midrange

Hear Clear, Soaring Highs Throughout Your Listening Area

Small, lightweight dome drivers react quickly to input for excellent transient response. Their smooth, "natural" sound character is further enhanced by exceptional dispersion qualities. This in turn provides detailed stereo imaging without narrow "beaming" effect. 8 ohms.

Fig.	Descrip.	Power Nom/Max (watts)	Eff. Freq. Range (kHz)	SPL (dB) 1W/1M	Mag. Oz.	Cat. No.	Each (£)
A	.75" Polycarbonate Hard Dome	20/40	3-30	91.3	0.6	40-1376	4.95
B	1" Soft Dome	30/50	5-20	90	4.9	40-1283	6.95
C	1" Mylar Dome	20/40	6.20	87	5.4	40-1276	6.95
D	Soft Dome Midrange	35/70	1.5-10	86	10.8	40-1281	9.95

Universal 2-Way Crossover

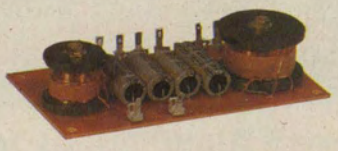


£4.95

Choice of three crossover points: 2000 Hz/2500 Hz/4000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. **40-1296** **£4.95**

Universal 3-Way Crossover

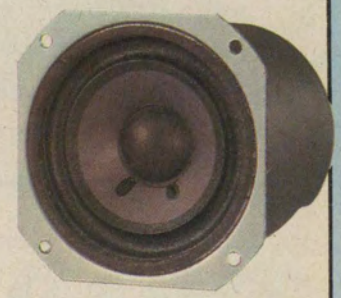
£9.95



Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. **40-1299** .. **£9.95**

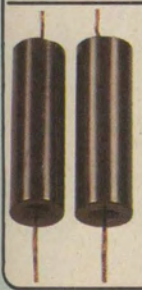
Dynamic Midrange/Tweeter

£7.49



The easy way to upgrade an 8", 10" or 12" speaker to a fine two-way system with excellent mid and high-frequency response. Tuned sub-enclosure lowers effective frequency range to match most woofers. 700-20,000 Hz response, 89 dB SPL (1W/1M), 30-watt power capacity, 2.86-oz. magnet. 8 ohms. With 16-microfarad capacitor. **40-1289** **£7.49**

Dynamic Protectors



For Tweeters — £3.49 Pair

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For two or three-way systems. Easy hookup. **40-301** ..... **Pair £3.49**

L-Pad Speaker-Level Control Handles Up to 75 Watts

£3.79

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. **40-977** ... **£3.79**

Tune in Worldwide News, Views, Sports and Music

Realistic™ 5-Band General Coverage Receiver

£99.95

- ***Variable BFO for Receiving Single Sideband and Code***
- ***Fine-Tuning Control Helps Separate Closely Spaced Signals***
- ***Large Illuminated Main Tuning Dial and Signal Strength Meter***

Specifications:
Frequency Coverage: LW 150 - 400 kHz; MW 520 - 1620 kHz; SW 1.55 - 4.5 MHz; SW2 4.5 - 13 MHz; SW3 13-30 MHz. **IF Frequency:** All Bands 455 kHz. **BFO Pitch Range:** ±5 kHz (at 7 MHz) **Antennas:** Bands A/B/C ferrite rod built-in, plus telescopic antenna for bands B/C/D. **Power Output:** (8 Ohm) 750 milliwatts (10% THD) **Size:** 5¾ x 12 x 10".

Realistic DX-100L. A great way to get started in a fascinating hobby! This easy-to-operate receiver offers exciting global listening at an affordable price. Tunes 150 kHz to 30 MHz in five bands. Automatic noise limiter reduces impulse-type interference, and a ceramic IF filter cuts signal interference on crowded bands. FET front end pulls in even the weaker stations. Up-front speaker for clean, clear sound ¼" headphone jack. 5¾ x 12 x 8". Power requirement 220/240v AC 50 Hz or 12v DC neg. gnd.
20-9206 ..... **£99.95**

Deluxe Mono Headset

£5.95

A deluxe 8 ohms mono headset with large, soft padded earcushions and adjustable vinyl headband. Ideal private listening for your favourite portable radio or cassette. With cord and standard ¼" plug. **20-200** **£5.95**

Lightweight Mono Headset

£6.99

NEW FOR 83

- ***Adjustable Headband***

Smart, lightweight monophonic headset has adjustable headband, comfortable earcushions and a standard ¼" jack plug. Ideal for private listening to scanning receivers and communications receivers. **20-210**..... **£6.99**

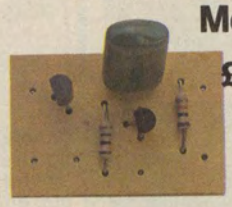
Value-Priced Selection of Accessories for a Complete Listening Post

Code Practice Set

£4.49

Perfect for morse code. Includes buzzer, adjustable spring and contacts, headphone jack. Needs one "D" cell. **20-1087** **£4.49**

Code Oscillator Module



£2.49

Fully assembled - just add a key, speaker or headphones. Requires 1.5v battery.
20-1155 ..... **£2.49**

Morse Code Hand Key

£3.99

- ***Fully Adjustable***

Brass morse code hand key with fully adjustable spring and contacts. Ball bearing pivots.
20-1084 ..... **£3.99**

Shortwave Antenna Kit

£7.69

75' copper antenna wire, insulated lead-in, standoffs, and "egg" insulation. **278-758** **£7.69**

Our Best! 50-Channel Programmable Scanner

£299.95

• No Crystals Needed - Keyboard Entry of 20,480 Channels • For Home or Car* • Covers 68-88, 138-174 MHz VHF, 108-136 MHz (AM) Aircraft, 410-512 MHz UHF

Realistic PRO-2002. The most sophisticated scanner we've ever offered! Digital keyboard lets you enter up to 50 frequencies for monitoring, storing, exploring. Search buttons help you find new or "secret" channels - when you find an interesting frequency, simply read it off the fluorescent display and enter it into memory. Battery backup maintains memory during power failures or when you unplug the scanner. Zeromatic® circuit assures accurate signal tuning every time. Features automatic or manual scanning, scan-delay so you hear both sides of messages, individual channel lockout for bypassing selected channels, variable squelch control. Display shows channel number, frequency, status, program mode and time. Built-in speaker, plus jacks for headphone, external speaker and tape recorder. Includes operating manual, mobile* mounting bracket, all power cords. Mains operation or 12v DC neg. gnd. external power. Requires 9v battery for backup feature.
20-9116 ..... **£299.95**

Portable Scanners Bring the Action Along

£99.95

Use the antenna that best suits your needs! Telescoping for optimum range. Short flexible type for use in close quarters!

• VHF Hi-Lo/UHF • VHF Aircraft
• Includes Two Antennas • Variable Squelch
• Features Scan-Delay to Catch All Responses

Realistic PRO-22. Keep on top of the action! Automatically scans up to six channels on 68-88 MHz VHF-Lo, 118-136 MHz AM VHF Aircraft, 144-174 MHz VHF-Hi, and 430-490 MHz UHF. Scan - delay catches call responses, channel lockouts temporarily bypass unwanted channels. Squelch control, built-in speaker, earphone jack. Requires up to 6 crystals.
20-9103 ..... **£99.95**

Scanning Crystals:

A range of Scanning Crystals are available for order at your local Tandy store or dealer, check for frequencies available.

Add Antennas and Accessories for Best Reception

[A] **Indoor UHF-Hi/Lo Plug-In Antenna.** 20½" long. Motorola-type plug.
20-451 ..... **£5.49**

[B] **Indoor VHF-Hi/Lo Plug-In Antenna.** Centre-loaded. Extends 16-40". Motorola-type plug.
20-161 ..... **£4.99.**

[C] **VHF/UHF/Air Magnet Mount Mobile Antenna.** Secure even at high speed. 16-ft. cable. Motorola type plug.
20-018 ..... **£19.95**

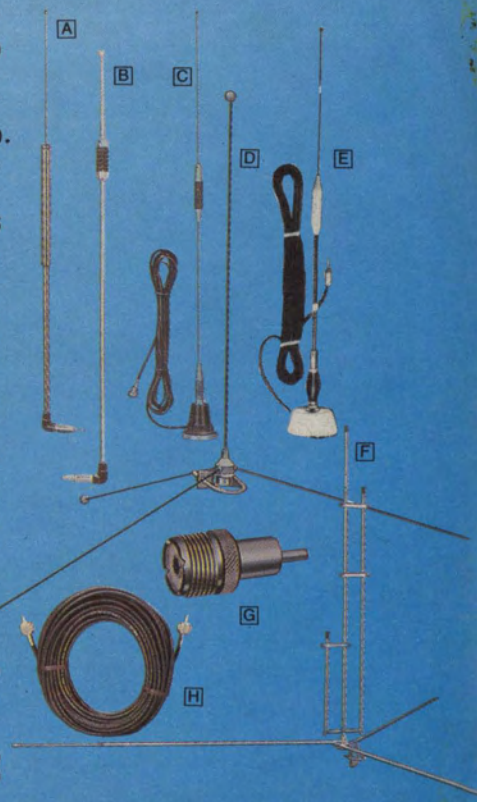
[D] **VHF-Hi UHF-Hi/Lo Ground Plane Base Antenna.** Covers 144-512 MHz. One vertical, three radial elements. Accepts PL-259 connector. U-clamp mount fits masts up to 1½" dia. Less cable. **20-176** **£12.95**

[E] **VHF/UHF No Hole Mobile Antenna.** Has stainless steel whip, 16-ft. cable. Motorola-type plug.
20-017 ..... **£22.95**

[F] **VHF-Hi/Lo, UHF-Hi/Lo Ground Plane Base Antenna.** Three vertical and three radial elements for superior reception on all bands. Accepts PL-259 connector. Less cable.
20-014 ..... **£44.95**

[G] **Coax Adapter.** Adapts standard PL-259 connector to a Motorola-type plug. Quality low-loss construction.
278-208 ..... **99p**

[H] **Coax Cable Assemblies.** 52-ohm low-loss poly-foam cable. PL-259 connectors installed at both ends.
50 ft. of RG58/U. 278-971 ..... **£9.99**
50 ft. of RG8/U. 278-972 ..... **£34.99**



High-Performance In-Dash MW/FM Stereo Cassettes

Our Best! High-Power, Digital-Sythesized Music Centre

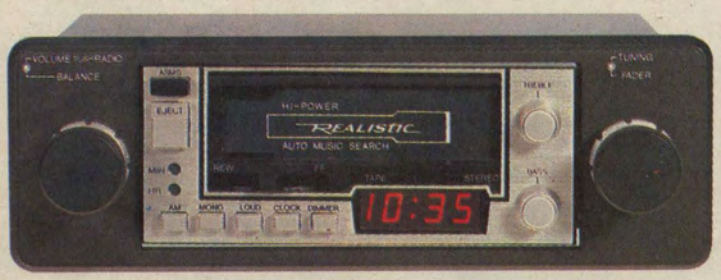
NEW FOR 83

£179.95

- *30 Watts Total Output Power*
- *LED Station Frequency/Time Display*
- *Programmable 12-Station Memory*
- *Station Search and Scan System*
- *"Key-Off" Auto-Eject • DIN-Size*

Car stereo never sounded so good! A new Dynamic Signal Enhancer circuit dramatically improves FM reception, and a phase-lock loop synthesizer locks each station exactly on-frequency with quartz accuracy. Programme any twelve stations (six MW, six FM) for instant recall. Also has auto-search - tunes to the next available station and locks in. Digital readout features dimmer for night driving, and becomes a clock five seconds after tuning in a station or when radio is "off". Full tape control, too: locking fast forward and rewind, automatic tape-replay after rewind, plus end-of-tape or "key-off" auto-eject. Separate bass and treble controls, loudness button for full sound even at low volume, LED indicators for memory set, FM stereo and tape mode. An exciting addition to your car! **12-1897** **£179.95**

Deluxe In-Dash Cassette With Digital Frequency/Time Display



Available 15th Oct.

£129.95

NEW FOR 83

- *24 Watts Total Output Power*
- *Automatic Music Search Finds Your Favourite Tape Selections Quickly*
- *Built-In Dynamic Signal Enhancer For Improved FM Reception*
- *Mini Chassis Fits Most Cars*

Superb sound, easy operation, accurate time - a great combination! Frequency display shows the time when you listen to tapes. Automatic Search Music System senses the "silence" between tape selections during fast-forward and rewind. Separate bass and treble controls give complete tonal command. Loudness button provides full-range sound even at reduced volumes. Front-rear fader control lets you adjust the balance of 4-speaker systems. **12-1899** **£129.95**

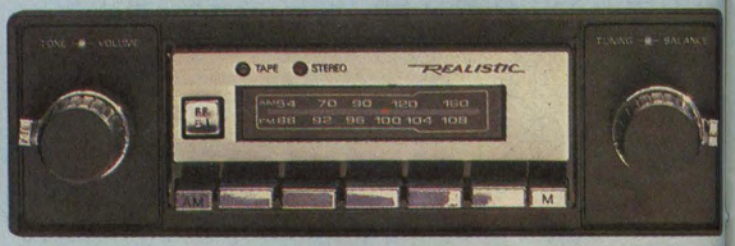
In-Dash MW/FM Cassette Player With Auto-Reverse

£99.95

- *8 Watts Total Output Power*
- *DIN-Size*
- *Separate Locking Fast-Forward and Rewind*

Now you can play your stereo cassettes from start to finish, auto-reverse system gives you uninterupted music from both sides of a cassette. Also features locking fast-forward and rewind, manual eject, rotary volume, tone and balance, FM stereo indicator, stereo/mono FM switch. 8 Watts total power output. Adjustable shafts for in dash mounting. **12-1898** **£99.95**

MW/FM Cassette With Auto-Stop and Pushbutton Tuning



£89.95

- *8 Watts Total Output*
- *DIN-Size Fits in Most Dashes*
- *Combination Locking Fast-Forward and Eject Control*

Pushbutton convenience and great stereo sound. Chromed pushbuttons give you instant selection of five stations and lots of great features. FM stereo and tape mode indicators, lighted dial, end-of-tape auto-stop in all modes and a stereo/mono selector for best reception of distant or weak FM stations. Also has combination locking fast-forward and eject control. 8 watts total output. Shafts adjust 5⅛ to 6¼. Size: 7 1/16 x 1¾ x 4 5/16". **12-1896** **£89.95**

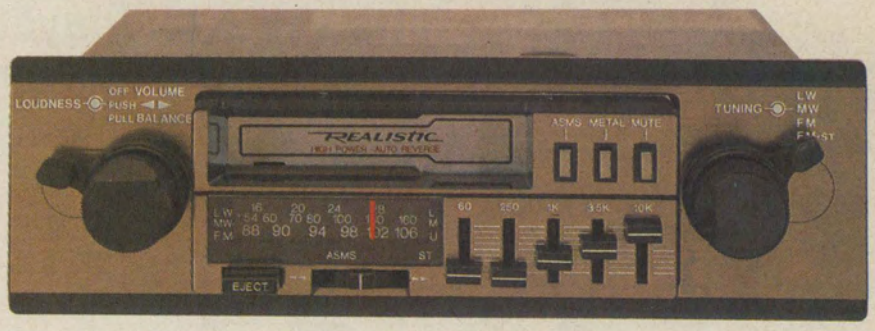
NOTE: All Realistic Radio/Cassette players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All for 12v DC negative ground only.

SEE TANDY® FOR AN EXCELLENT RANGE OF IN-CAR SPEAKERS!

MW/FM Stereo Tape Players to Fit Any Car or Budget

Stereo Radio/Cassette Player With Auto Reverse

£169.95 NEW FOR 83



- *Auto Reverse at Tape End*
- *Metal Tape Selector*
- *Five Band Graphic Equalizer*
- *FM Muting*

Available 15th. Nov.

Outstanding performance from an outstanding high-power LW/MW/FM radio/cassette player - it gives you a full 15 watts total output per channel. Other features include FM muting and auto-reverse, (it automatically plays the other side at tape end, for un-interupted music). A built-in, five slider, graphic equalizer gives you full control of your sound, and the metal tape selector means optimum cassette performance too! Automatic Search Music System senses the "silence" between musical selections during fast-forward and rewind. With a brushed metal silver finish it looks smart in any dash. Includes all mounting hardware and fitting instructions. **12-9171. £169.95**

Superb Performance In Dash High-Power Cassette

- *24 Watts Total Output Power*
- *End of Tape Auto Stop in All Modes*
- *FM/Stereo Indicators*
- *DIN-Size*

£109.95

Powerful 12-watt per channel low distortion amplifier for stunningly accurate music reproduction that lets you hear every note. Has separate bass and treble controls, locking fast-forward/rewind, rotary volume, balance and tuning. Loudness control boosts bass response when listening at low volume. Also features stereo/mono button for best FM reception, tape and FM stereo indicators, lighted dial, manual eject. Shafts adjust to five positions. Size: 7 x 1¾ x 5". **12-1888** **£109.95**

LW/MW/FM Stereo Radio/Cassette

- *Tape and FM Stereo Indicators*
- *14 Watts Total Output*
- *50-10,000 Hz Frequency*
- *With Cables*

£69.95

Full-feature in-car entertainment centre. Concentric on/off volume and tone control and tuning/balance control. Separate pushbuttons for wave-band selection. Illuminated tuning scale. Pushbutton fast/forward/eject. At tape end motor is automatically stopped and the unit changes to audio reception. 2 x 7 watts output. Mounting hardware and speaker cables supplied. Size: 7 x 1¾ x 5½". **12-9193** **£69.95**

Top Value In Car Sound!

- *8 Watts Total Output*
- *Stereo/Mono Switch for Best FM*
- *Outstanding Features at a Great Price*
- *DIN-Size*

£59.95

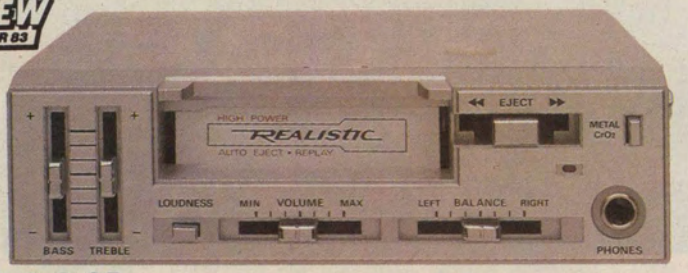
A MW/FM stereo cassette player at a price well below the cost of "factory-installed" sets. Has illuminated radio dial in cassette door. Player starts automatically when cassette is inserted, stops automatically at the end of the tape. Also features pushbutton locking fast-forward/eject, rotary volume, tone, balance and tuning controls. MW/FM and stereo/mono switches. 8 watts total output. Shafts adjust 5⅛ to 6 5/16". Size: 1¾ x 7 x 5⅝". **12-1880** **£59.95**

GENERAL INFORMATION: All players include ample speaker cable, mounting hardware, illustrated instructions and trim plates. 12v DC neg. gnd. only.
CAUTION: Do NOT use high-power players with power boosters, equalizer/boosters or common-ground (3-wire) speaker wiring or switches.

Underdash Stereo Tape Players Are Easy to Install

Full-Featured High-Power 24-Watt Cassette

NEW FOR 83



£69.95

- *CrO_2/Metal Tape Selector*
- *Full "Key Off" Auto-Eject*

You'll be proud to own this beauty! 12 watts per channel and low distortion - even at high listening levels. Loudness button improves bass at low volume. Selector for metal, Cr02, or regular tape. Separate bass and treble controls. Convenient Auto-Eject, locking fast-forward and rewind/replay. Stereo headphone jack. 1 9/16 x 6 5/16 x 6". **12-1981** **£69.95**

Not for use with power boosters, equalizer/boosters or some speaker switches.

Auto Eject Stereo Cassette Player With 5-Band Equaliser

£89.95

- *24 Watts Total Output*
- *Stereo Headphone Jack*

Compact and fully functional car stereo cassette player with 5-phase frequency equaliser/booster, also features full auto eject, locking fast forward and rewind, balance, loudness button, manual eject, and stereo headphone jack. Under-dash mounting. 7 x 1 3/4 x 6 1/2".
12-9177 ..... **£89.95**

Cassette With Auto-Reverse and Auto-Search

NEW FOR 83

£49.95

- *Slide-Action Controls for Volume, Tone and Balance*

Auto-Reverse plays both sides of the tape automatically. Auto-Search senses the "silence" between musical selections during fast-forward and rewind. You can advance the tape to the start of a selection—or replay the selection with the touch of a button. Three LED indicators, locking fast-forward and rewind, and manual eject. 8 watts total output. 1 9/16 x 5 1/2 x 6". **12-1980** **£49.95**

"Super-Mini" Cassette Fits Almost Anywhere

£34.95

- *Compact Car Tape Player Ideal for Sports Cars*

Fine sound that mounts under dash, in glove compartment or centre console. End-of-tape Auto-Stop with LED indicator, pushbutton eject, locking fast forward. 8 watts total output. 1 9/16 x 5 1/8 x 5 5/16. **12-1803** **£34.95**

Budget-Priced Stereo Cassette Tape Player

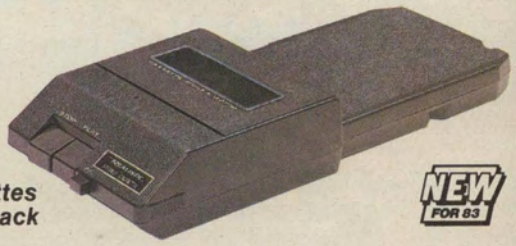
£29.95

- *Slide-Action Controls*
- *End-of-Tape Auto-Stop*

Compact in size and in price. Features Auto-Stop in play mode, locking fast-forward, pushbutton eject, slide-action controls for volume, tone and balance. 8 watts total output. 1 5/8 x 5 5/8 x 5 1/4"
12-1807 ..... **£29.95**

8-Track/Cassette Adapter

£24.95



NEW FOR 83

- *Play Cassettes On Any 8-Track*

Now you can play your cassettes on your in-car cartridge player. Simply insert the adapter like an 8-track cartridge to adapt any 8-track player for stereo cassettes. Has locking fast-forward, pushbutton eject. 1 3/4 x 4 3/4 x 9 7/8".
12-1875 ..... **£24.95**

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All for 12v DC negative ground only.

Upgrade the Performance of Your Autosound System

100-Watt Stereo Amplifier For Sensational Sound

Includes 18-ft. heavy-duty input and output extension cables with all connectors and fuse holders *at no extra cost!*

- ***50 Watts Per Channel***
- ***Mounts In Boot Or Under Dash***

£79.95

Boost the power of your tape player or stereo radio with this compact amplifier. Features selectable high/low level input and works with any autosound system, even separate components! Automatic power "ON" switching, built-in noise filter, fully protected against overload. Only 1% THD at 80 watts. $2\frac{3}{8} \times 6\frac{9}{16} \times 8\frac{13}{16}$". Includes all mounting hardware (see inset). **12-1866** **£79.95**

Available Dec. 15th

40-Watt Stereo Frequency Equalizer/Boosters

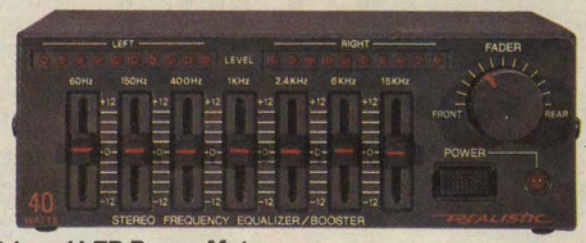
Five Bands, Fader Control

- ***Thin Line - Fits Under Any Dash***
- ***5-Level LED Power Meter***

£44.95

Makes your present system sound far better—adds dynamic range. Thin-line design fits under nearly any dash. Five-Level LED power meter. Centre frequencies are 60, 250, 1000, 3500,12,000 Hz. Front to rear fader control. Only 1% total | harmonic distortion at 30 watts. $1\frac{3}{16} \times 5\frac{7}{8} \times 4\frac{3}{4}$". **12-1865** **£44.95**

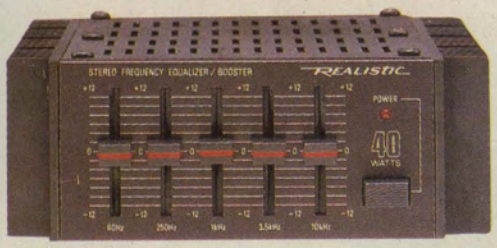
Seven Bands, Fader Control



- ***10-Level LED Power Meter On Each Channel***

£54.95

Our best! Dramatically improves range and tone—fills even a motorhome with great sound. Frequencies are 60, 150, 400, 1000, 2400, 6000, and 15,000. Front/rear fader. Only 1% total harmonic distortion at 30 watts. $2 \times 5\frac{1}{2} \times 6$". **12-1862** **£54.95**



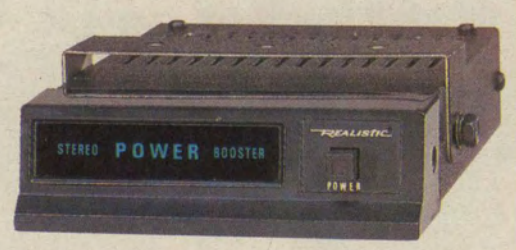
Five Bands, Bargain Price

£34.95

Perfect for systems using only two speakers! Power plus the versatility to boost or cut response up to 12 dB at 60, 1000, 3500, and 10,000 Hz. Only 1% THD at 30 watts. $2 \times 5\frac{1}{4} \times 6$". **12-1863** **£34.95**

40-Watt Power Booster

£17.95



Improve dynamic range and sound so you can hear your music over road and engine noise. Great addition to your car's stereo system. Only 1% THD at 30 watts. $1\frac{1}{4} \times 4 \times 6\frac{1}{8}$". **12-1860** **£17.95**

Pushbutton Car Radio

- ***In or Under Dash Fitting***

£28.95

Solid state design, simple operation with smooth controls from pre-settable push-buttons to give you instant tuning of 4 MW and 1 LW stations. Complete with universal mounting brackets and hardware. **12-9168** **£28.95**

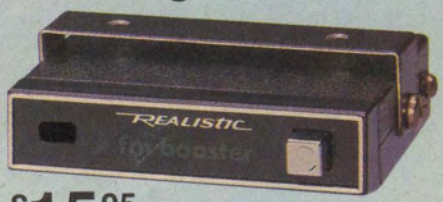
MW/LW Car Radio

£18.95

- ***In or Under Dash Mounting***

Works with any positive or negative earth 12 volt system. Features illuminated dial, rotary tuning and volume controls and slide switch waveband selector. All mounting hardware and power cable included. **12-9167** **£18.95**

FM Signal Booster



£15.95

- ***Easy Installation***

The FM Signal Booster that's ideal for weak signal areas! Six dB amplification brings more stations in clearly on your FM radio. Dual-polarity 12v DC positive or negative ground. $1 \times 3\frac{1}{2} \times 2\frac{3}{8}$". **12-1873** **£15.95**

NOTE: Boosters rated at total watts rms output, both channels. Boosters and tape players for 12v DC neg. gnd. only, except where pos. gnd. noted. All include mtg. hardware. CAUTION: Not for "common ground" (3-wire) speaker hookups of high-power car stereos 12-1981/1888/1899/1897/9171.

Perfectly Matched Stereo Speaker Pairs To Fit Any Car

3 Way Flush Mounting Speaker System

£44.95 Pair

60 Watts Power Handling Capacity

This deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Features individually mounted 5¼" woofer, 2½" midrange and 2" tweeter with electronic crossover. Fits standard 6x9" cut-out. 2¾x9¾x6¾". With mounting hardware. **12-1854** ..... **Pair £44.95**

3-Way 6 x 9" Flush Mount

£59.95 Pair

- *3" Midrange*
- *1¾" Tweeter*
- *6 x 9" Polypropylene Woofer Resists Moisture*
- *120 Watts Power Handling Capacity*

NEW FOR 83

Our finest flush-mounts deliver full-range sound to 18,000 Hz. 20-oz magnets for fantastic bass response. Mesh grilles. No retainer rings required. **12-1857** ..... **Pair £59.95**

Avail. Nov. 15

2-Way Surface Mount

£39.95 Pair

60 Watts Power Handling Capacity

These surface-mount speakers feature individually mounted 5½" woofer. 2" tweeter, open-mesh grilles. Electronic cross-over network. 3 x 9½ x 6¼" moulded housings.
12-1853 ..... **Pair £39.95**

Snap-On Metal Grilles

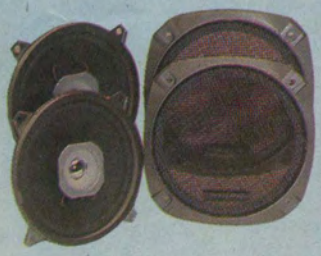
3-Way Flush Mount

£34.95 Pair

- *60 Watts Power Handling Capacity*

High-powered hi-fi sound! Big 5¼" air-suspension woofer and 20-oz magnet, 1" voice coil, 2" midrange, 1" horn tweeter. Electronic crossover. No retainer rings required.
12-1856 ..... **Pair £34.95**

5¼" 2-Way Flush Mount



NEW FOR 83

£24.95 Pair

50 Watts Power Handling Capacity

Two-way flush-mount speakers have 5¼ woofer, 1¾" tweeter. 25 watts per channel maximum power handling capacity. 8 ohms impedance. Grey finish, with black metal grilles. Mounting hardware included. **12-9219** ..... **Pair £24.95**

6 x 4" 2 Way Flush Mount

NEW FOR 83

£24.95 Pair

40 Watts Power Handling Capacity

Realistic flush mount elliptical speakers. Maximum power handling capacity is 20 watts per channel. 6 x 4" woofer, 1¾" tweeter, 8 ohms impedance. Supplied with grilles and fitting hard - ware. **12-7250** ..... **Pair £24.95**

2 Way Surface/Flush Mount

NEW FOR 83

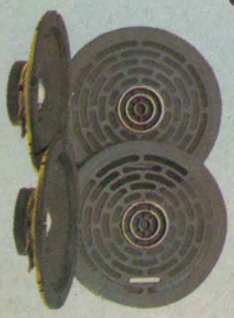
£19.95 Pair

Avail. Dec. 15th.

40 Watts Power Handling Capacity

Surface or flush mount car speakers have 5¼" woofer and 1" tweeter. 8 ohms impedance. Finished in grey with black metal grilles. 20 watts per channel maximum power handling.
12-7251 ..... **Pair £19.95**

Space-Saving 5¼" Flush Mounts



£17.95 Pair

40 Watts Power Handling Capacity

Moisture Shields Included

Space-saving 5¼" flush mount car speakers are only 1½" deep - they mount easily in door panels, or anywhere space is shallow. Metal grilles. No retainer rings required. 20 watts per channel power handling capacity.
12-1855 ..... **Pair £17.95**

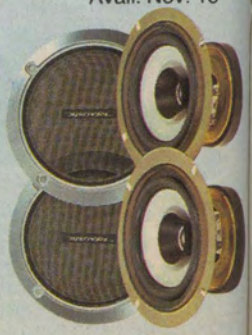
Compact 4" Flush Mounts

Avail. Nov. 15

NEW FOR 83

£14.95 Pair

40 Watts Power Handling Capacity

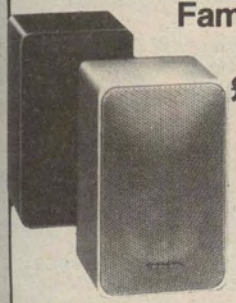


These compact flush-mount car speakers - just 4" wide - are the ideal size for imported cars and hatchbacks. Dual-cone design, with 6.5 oz magnets. No retainer rings required. 40 watts power handling capacity. **12-1858** .. **Pair £14.95**

 SPEAKERS ON THIS PAGE ARE 8 OHMS, RATED IN PEAK POWER PER PAIR WITH MTG. HARDWARE & INSTRUCTIONS

Speakers and Accessories for Your Highway Hi-Fi

Famous Minimus®-7 2-Way Speaker



£29.95 Each

Metal Mounting Bracket
£8.95 Pair

Add big sound to your car or van. Heavy-magnet, 4" woofer and wide-dispersion 1" tweeter for response to 20,000 Hz. Die-cast metal enclosure. 40 watts. 7 1/16 x 4 7/16 x 4 5/16".

Black. 40-2030 ..... **£29.95**
Silver. 40-2034 ..... **£29.95**
Mounting Bracket. 40-2031 ..... **Pair £8.95**

Meet Minimus-7's "Little Brother"

NEW FOR 83

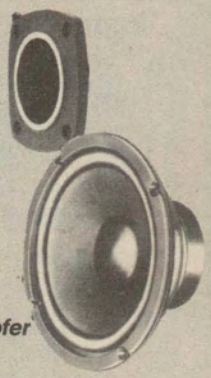
£12.95 Each

Metal Mounting Bracket
£4.95 Pair

Realistic Minimus-3.5. Ideal for in-car stereo. Features 3" full-range speaker, high-density moulded enclosure with perforated metal grille. 5 5/8 x 3 5/8 x 3 3/8". **40-1996** **£12.95**

Mounting Bracket. Fits the Minimus-3.5 speaker only. **40-1997** ..... **Pair £4.95**

2-Way System



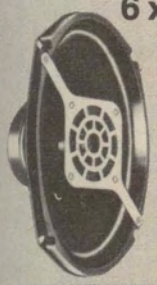
Save £2.05
Reg. Separate Items £14.44

£12.39 Set

- *Long-Throw 6 1/2" Woofer*
- *2" Piezo Tweeter*

Custom design a speaker system with great 45-25,000 Hz sound! No crossover required, easy parallel hookup. Handles 50 watts.
40-1383/1009 ..... **£12.39**

6 x 9" 2-Way Car Speaker



£12.95 Each

Coaxial design for detailed sound! 10-oz. woofer magnet. 3" tweeter. Handles 30 watts. 8 ohms.
40-1355 ..... **£12.95**

6 x 9" 3-Way Car Speaker

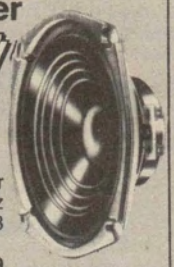
£14.95 Each

Tight bass, smooth midrange, clean highs. 10-oz. woofer magnet. 3" mid-range, 1/2" tweeter. 30 watts. 8 ohms.
40-1356 ..... **£14.95**

5 1/4" Speaker

NEW FOR 83

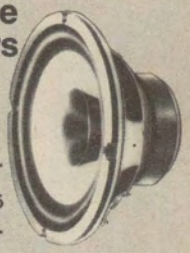
£5.99 Each



Avail. 30th Sept.

Full-range 5 1/4" car speaker has 10-oz magnet. 40W. 8 ohms.
40-1354 ..... **£5.99**

5" Full-Range Speakers



Low As £3.99 Each

9.8-oz. Magnet. 20W. 8 ohms.
40-1284 ..... **£8.95**

5.3-oz. Magnet. 10W. 8 ohms.
40-1909 ..... **£3.99**

4" Full-Range Speakers

Low As £2.19 Each

6.81-oz. Magnet. 10W. 8 ohms. **40-1197** **£5.95**

.53-oz. Magnet. 2W. 8 ohms. **40-1203** **£2.19**

Mono Fader

£1.09

Rotary control lets you balance front and rear speakers With hardware, instructions.
40-550 ..... **£1.09**

Stereo Fader

High Power £3.99

Provides easy front-to-rear balance adjustment. Handles speaker systems rated up to 50 watts. **270-048 £3.99**

Stereo Fader

£3.29

Balance front and rear stereo speaker pairs. Styling matches almost any car interior. **270-047** **£3.29**

Selector/Fader

£3.89

Select stereo tape or radio. Control front-to-rear balance to suit your taste. **270-046** **£3.89**

Selector Switch

£1.59

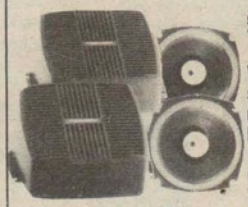
Switch from tape to radio using same pair of speakers. With hardware, instructions.
270-045 ..... **£1.59**

Swivel Globe Speakers

£8.95 Pair

Two deluxe speakers, spherical shaped for impressive car stereo - 5 watts power handling. 4 ohms impedance. Easily transferable from car to car, and ready to install!
12-9216 ..... **Pair £8.95**

5 1/4" Surface Mount



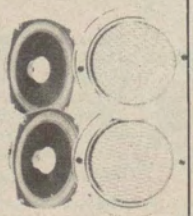
£9.95 Pair

Wide-response dual-cone speakers, with 4 1/4-oz. magnets, mounted in durable moulded housings. Easy to install, or remove to re-mount in your next car. 7 3/4 x 7 1/2".
12-1844 ..... **Pair £9.95**

5 1/4" Flush Mount Speakers

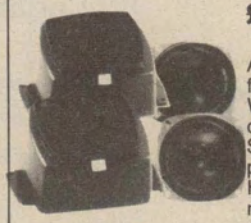
20-Watts Power Handling Capacity!

£13.95 Pair



Buy 'em for miles of listening pleasure! Wide-response, dual-cone speakers with 4 1/4-oz. magnets. With retainer rings for quick mounting without removing door panels and metal grilles. **12-1843** .. **Pair £13.95**

3" Surface Mount Speakers

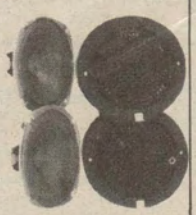


£7.95 Pair

An economical way to add fine sound to any car! Wide-range speakers in durable moulded housings. Small size makes them perfect for most small cars. Heavy-duty ceramic magnets. Easy to install.
12-1852 ..... **Pair £7.95**

Space-Saving 5" Flush Mount

£5.95 Pair



Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Moulded vinyl grilles.
12-1851 ..... **Pair £5.95**

Deluxe Speaker Grilles

NEW FOR 83

£3.99 Pair

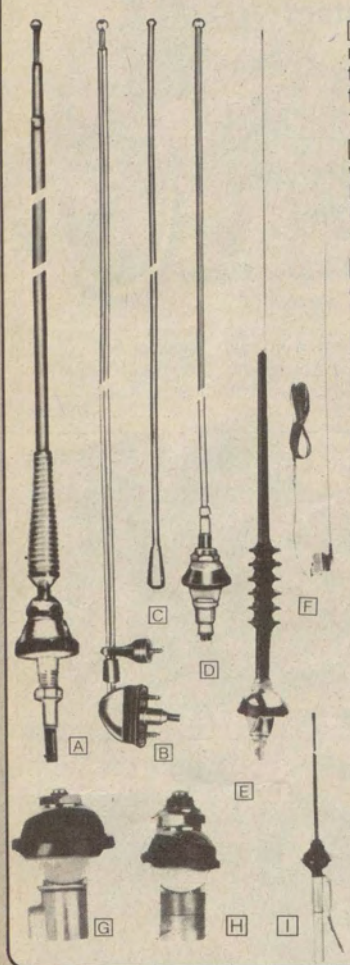
A Pair of 4 x 4" car speaker grilles.
40-7102 ..... **£3.99**

B Pair of 4 x 6" car speaker grilles.
40-7101 ..... **£3.99**

C Pair of 5 1/4" diameter car speaker grilles.
40-7100 ..... **£3.99**

Replacement Antennas and Accessories for Your Car

Improve Your Radio with A New Antenna



A **Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three sections extend from 25⅜" to 55". Adjusts a full 90° with 48" low-loss cable.
12-1307 ..... **£7.49**

B **Universal Pillar Mount.** Three-section whip extends 19½-51". Lead in 61". Mounting hole spacing from 2½" to 18". Fits all Japanese cars (except Honda).
12-1320 ..... **£4.29**

C **Replacement Whip.** Fits over "stub" of broken antenna. 31" stainless steel. Ideal for FM stereo. **12-1316** **£3.89**

D **One-Piece Mini.** For cars with narrow wings. Requires 13/16" mounting hole. 31" stainless steel whip. 54" lead-in, ideal for FM stereo. **12-1322** **£5.69**

E **Flexible Aerial.** Length: 110 cm, 1½". Adjustable inclination up to 45°. Stainless steel rod with 1.20 m cable.
12-9076 ..... **£5.99**

F **Gutter Mount Aerial.** Screw to gutter over window, enter lead at top of window. Easy to install, no holes. Whip, 80 cm. Folds flush with roof. Lead is 170 cm.
12-9061 ..... **£2.99**

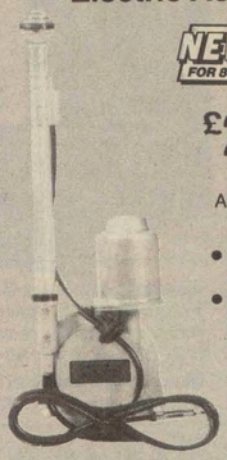
Universal Aerials

G **Universal 1½"** diameter.
129071 ..... **£3.99**

H **Universal 1¼"** diameter.
12-9072 ..... **£3.99**

I **Deluxe Aerial.** Telescopic 5 sections, black,100% weatherproof. Length: 95 cm with 1.20 m cable. 2 interchangeable bases, one at 1¼" Ø and the other at 1½" Ø. **12-9075** **£6.99**

Semi-Automatic Electric Aerial



NEW FOR 83

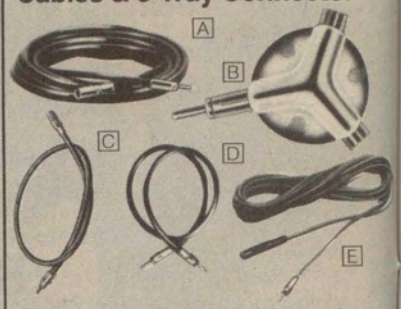
£22.95

Avail. Dec. 15

- *Five Sections*
- *Up To 39⅜" Long*

Five Section semi-automatic electric aerial has an extended length of 29⅜". Flush head with silent motor. 3.5 seconds up/down speed.
12-1323 ..... **£22.95**

Cables & 3-Way Connector



A **12-ft Inline Extension.** Built-in capacitor.
12-1311 ..... **£3.99**

B **Universal 3-Way Connector.** Couples two antennas to one radio or one antenna to two radios. **12-1313** **£1.69**

C **24" Inline Extension.** Male connector at one end, female at other. **12-1312** ... **£1.29**

D **24" Male/Male Extension Cable.**
12-1314 ..... **£1.49**

E **4.0 m extension cable.**
12-9060 ..... **£2.49**

F **0.5 mm Cable Antenna.** (not illustrated).
12-9064 ..... **£1.49**

Automotive Connections For Every Use

NEW FOR 83

A **4-Conductor Quick-Disconnect Cable.** For auto-lights, accessories. Colour coded.
270-027 ..... **£1.19**

B **5-Pin Speaker/Power Plugs.** Fits Realistic and many other tape players.
274-1210 ..... **Pkg. of 2 / 69p**

C **5-Pin Chassis-Mount Sockets.** Accepts above plugs. **274-1212** ..... **Pkg. of 2 / 79p**

D **5-Pin Inline Socket With Leads.** Mates with above many speaker wiring harnesses.
274-1215 ..... **79p**

E **Quick Discount Plugs.** Polarized heavy-duty contacts. 12" loop of wire, connectors.
270-026 ..... **59p**

Long-Range Superhet Detector

£144.95

- *Superhet Circuit Reduces "Falsing", Improves Sensitivity*
- *Selectable Buzzer And/Or Warning Light*

Micronta Road Patrol XK Superheterodyne. Picks up all bands and all types of radar, including hand-held "gun" units. Razor-sharp selectivity virtually eliminates "falsing" from out-of-band signals. Adjustable sensitivity permits reception of weak signals. Attractive non-glare diecast aluminium housing. 2⅞x4⅛x5½"
22-1603 ..... **£144.95**

IMPORTANT. The use of this device is prohibited in this country. Check local regulations prior to use, a licence is required. Technically this unit is a radio receiver within the meaning of the Wireless Telegraphy Act 1970 (Section 3). Should you inadvertently receive signals other than amateur transmission, the unit must be disconnected.

Lighter Plugs and 12v DC Outlets

NEW FOR 83

A **12V Outlet.** Add to RV, van or boat to power portable radios, TV, accessories, 15A. **270-1537** **£3.29**

B **10-Ft. Extension Cord.** For powering accessories. Rated 8 amps.
270-1536 ..... **£4.29**

C **Lighter Plug.** Connects accessories easily. Fits standard lighter socket. 8A.
274-331 ..... **79p**

D **Lighter Plug With Cord.** 8A.
270-021 ..... **£1.79**

E **Heavy-Duty Fused Lighter Plug.** Requires 3AG fuse. Solder type.
274-335 ..... **£1.19**

F **Accessory Outlet.** Power 12V DC-operated equipment. In or under dash mtg. **270-1539** **£3.69**

NEW FOR 83

Micronta™ 12-Volt DC Power Supplies

Avail. Nov. 15

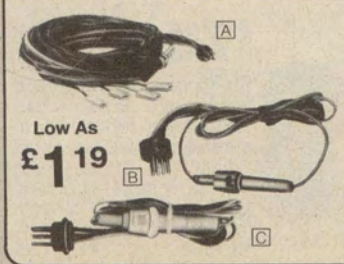
£24.95

- *Convert 240v AC House Current To 13.8 Volts DC*

Regulated 13.8v DC Supply. Ideal for use with CB and Ham transceivers and as a test bench supply. 2.5 amps continuous load at 13.8v DC. 5-amp surge. Rugged cabinet. **22-7000** **£24.95**

Similar to above but not regulated. 1.75-amp continuous load, 5-amp surge. Fuse protected.
22-9127 ..... **£19.95**

Car Stereo Cable Sets



Low As **£1.19**

A **Cable Assembly.** Five-pin plug, with power leads, four 18-ft colour-coded speaker leads. Fused. **270-014** **£4.49**

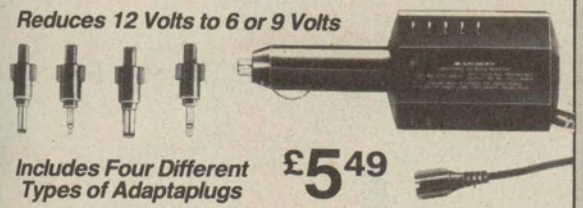
B **Universal.** Fits 4 or 5-pin sockets. Fused.
270-017 ..... **£1.19**

C **Standard.** Five-pin fused plug
270-041 ..... **£1.19**

Versatile Electrical Accessories for Automotive Use

Multi-Use DC Auto Adapter Kit

Reduces 12 Volts to 6 or 9 Volts



Includes Four Different Types of Adaptaplugs

£5.49

Power portable equipment from your car, truck or boat. Four different plugs fits almost all equipment with a DC power input jack. 6/9v switch. Reversible polarity. Up to 300 mA current. Fused 6-ft. cord plugs into lighter socket. 12v DC negative ground only. **270-1561** **£5.49**

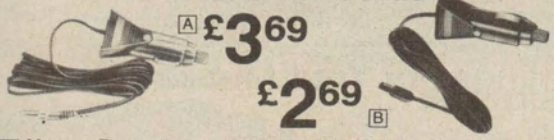
High Power 6-9-12 Volt Adapter

NEW FOR 83

£9.99

For larger portable stereos, small TVs, VTRs. Delivers 6V at up to ½ amp, 9V at up to 900 mA, and 12V at up to 3 amps. Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused LED "on" indicator. **270-1562** **£9.99**

12v DC Power Cords



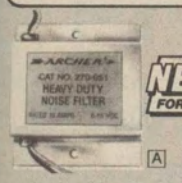
A **£3.69**

£2.69 B

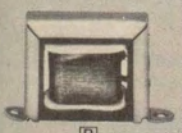
A **Heavy-Duty.** Ideal for TV and VTR use. Polarity tip positive, sleeve negative. Replaceable fuse. **270-1534** **£3.69**

B **Standard Power Cord.** For walkie-talkies, tape players, etc. Replaceable fuse. **270-1533** **£2.69**

Radio Noise Filters



NEW FOR 83



A **Deluxe Filters.** Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers.
10-Amp. 270-051 ..... **£12.95**
5-Amp. 270-050 ..... **£9.99**

B **Noise Eliminator Kits.** Each includes filter choke, capactor and instructions.
Heavy-Duty. 270-030 ..... **£2.99**
Standard. 270-020 ..... **£2.69**

Auto Headlight Reminder

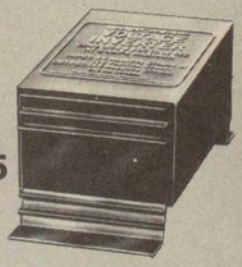
NEW FOR 83

£3.49

Reminds You To Turn Off Auto Lights!

Don't run down your battery! Leave your lights on and the Auto Headlight Reminder beeps for 10 seconds! LED flashes until you turn off your lights. Self-tapping screws and double-sided tape included. Installs easily in most cars with accessible fuse block. **270-110** **£3.49**

Voltage Inverter



£19.95

• *For Cars, Trucks and Imports*

Use your 12v DC equipment in vehicles with 12v DC pos. gnd. or 6v DC neg. gnd. electrical systems. For radios, CBs, and tape players. Gives up to 3A. Fused. **22-129** **£19.95**

Auto Electrical System Analyzer

£4.49

Check Your Battery And Charging System From Inside Your Car!

Spot problems before you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12v DC neg. gnd. **22-1635** **£4.49**

Dwell-Tach Points Tester

£15.95

Reads rpm-0-1200 for 8 cylinder, 0-1600 for 6 cylinder, 0-2400 for 4 cylinder; Dwell 0-45 for 8 cylinder, 0-60 for 6 cylinder, 0-90 for 4 cylinder and points resistance good/bad. **22-1641** **£15.95**

Stylish SPST Auto Panel Switches

A **Dual Switch Panel.** Two switches rated 10A at 12v DC. Includes two 12v long-life lamps. Complete with mounting hardware. **275-707** **£3.19**

B **Switch With Pilot Light.** Single 5-amp switch with 12v DC lamp assembly and red lens. Mounting hardware. **275-703** **£1.69**

Replacement Autosound Knobs

Low As **£1.19** Set

NEW FOR 83

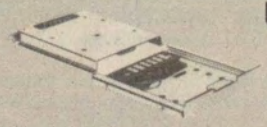
Two inner and two outer knobs for most car radios and tape/radio combos. Fit both "D" and split shafts.

A **Import.** Black finish. **274-425** ..... **Set £1.19**

B **Standard.** Chromed finish. **274-426** ..... **Set £1.99**

C **Low-Profile.** Chromed finish. **274-427** ..... **Set £1.99**

Underdash Mount



£4.89

Two piece slide-on/slide-off underdash mount has electrical connectors, colour-coded leads. 18-gauge steel. **270-016** **£4.89**

Universal Brackets

NEW FOR 83

Three different sets with back support/ground strap, plus hardware. Black. **270-023** ..... **Set/£1.99**

Magnet Utility Light

£2.95

Ideal for night emergency repairs. Plugs into cigarette lighter. 12-ft. retractable cord. 12v DC. **61-2502** **£2.95**

Flexible Map Light

£2.29

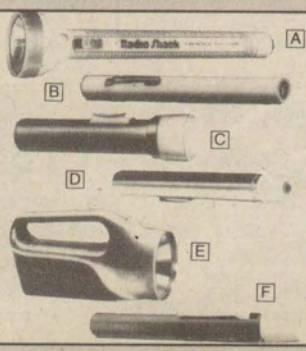
Now have light where you need it most! Compact - it stores in glove box. Flexible 5" long neck, on/off switch. **61-2501** **£2.29**

Mini Fluorescent Light

£8.95

Perfect for hiking, camping, emergencies. Attaches to belt. 3⅜ x 6¼ x 1⅛". Requires 5 "C" batteries. **61-2733** . **£8.95**

Tandy Torches



A **5-Cell Flashlight.** Requires 5 "D" batteries. **68-1022** **£1.99**

B **Handy Pen Light.** Requires 2 "AA" batteries. **61-2626** ... **£1.79**

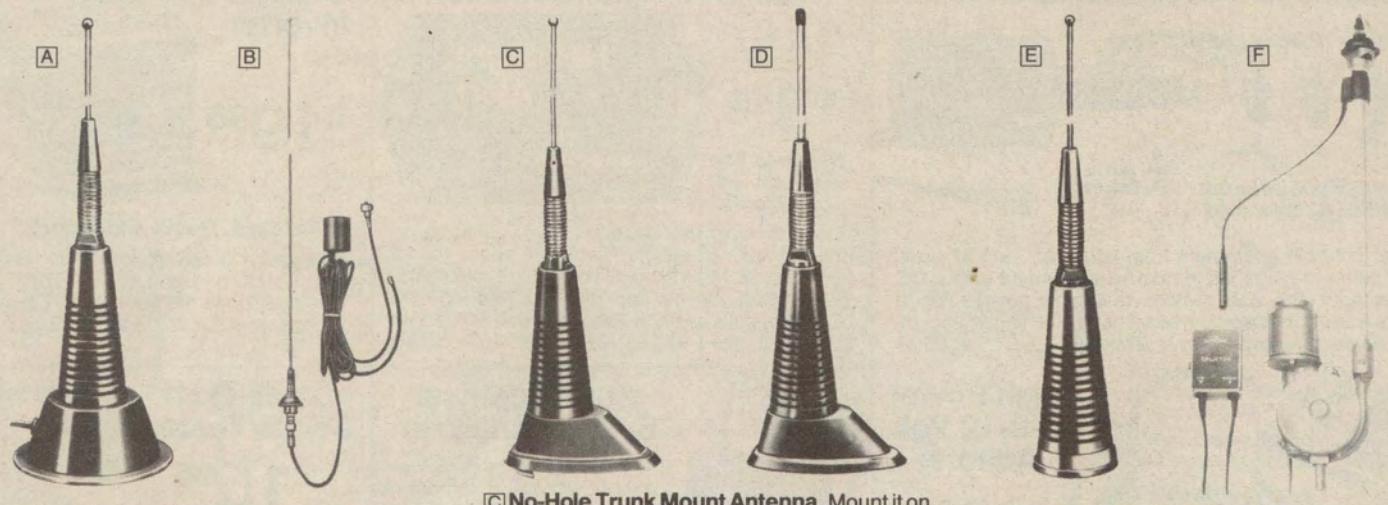
C **Standard "D" Cell.** Requires 2 "D" batteries. **61-2624** **£1.19**

D **Disposable Clip Light.** **61-2625** **£1.49**

E **"C" Cell Lantern.** Requires 4 "C" batteries. **68-7001** **£1.99**

F **Penlight.** Requires 2 "AA" penlight batteries. **68-1033** . **49p**

Replacement Parts and Extras for Mobile CBs



A **Base-Loaded Magnetic Mount Antenna.** Mounts on any flat magnetic surface. 17-7 type stainless steel whip, heavy-duty shock spring provides stability at high speeds and the right amount of give under sharp stress. Sealed coil. 16' of cable and connector. **21-940** **£19.95**

B **CB/FM/MW Disguise Antenna.** A combined auto radio and mobile CB antenna. Mounts in standard antenna mounting hole, or wherever you choose. With 8½' approx. cable, splitter, hardware, instructions. **21-990** . **£26.95**

C **No-Hole Trunk Mount Antenna.** Mount it on centre or either side of trunk lid and secure it with just two set-screws. Easy cable entry. Has base-loaded coil and stainless steel shock spring and whip. With 16' cable, connector. **21-908** **£21.95**

D **Fibreglass-Whip No-Hole Trunk-Grip Antenna.** Stainless steel spring. Brass adapter allows whip adjustment. PVC coil housing has triple chrome-plated brass fittings to prevent corrosion. With 16' coax cable, connectors. **21-926** **£24.95**

E **Stainless Steel Roof Mount Antenna.** Whip adjusts for lowest SWR and maximum RF output. ⅜" snap-in for easy installation, solderless connections. With 16' coax cable, connector. **21-904** **£21.95**

F **Retractable CB/FM/MW Antenna.** It disappears into wing electrically. Centre-loading coil and splitter to isolate FM/MW signals from CB signals. Extended antenna length 34". With 20' cable and splitter, hardware, instructions. For 12v DC neg. gnd. **21-9501** **£36.95**

NEW FOR 83

¼-Wave Antenna

£39.95

- *Omnidirectional*

Has three 108" radials and 108" quarterwave vertical radiator. For masts up to 1" diameter. Accepts PL-259 connector. **21-9022** **£39.95**

Antenna Tuner

£9.95

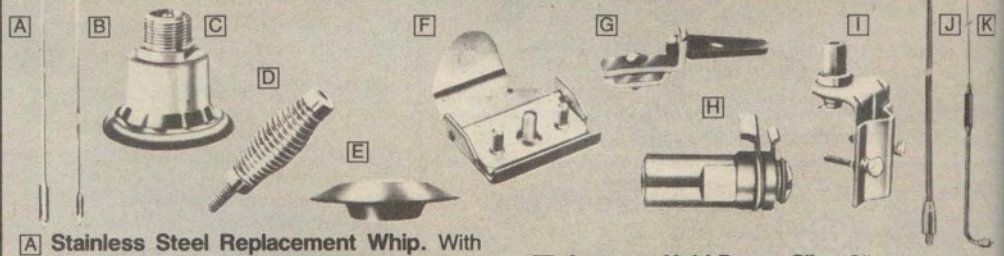
Matches base or mobile CBs to any 10 or 10,000-ohm antenna. **21-513** **£9.95**

2-Position Antenna Switch

£6.99

For CB or ham use. Change antennas without changing leads. **21-511** **£6.99**

Clamps and Mountings For Your Mobile CB!



A **Stainless Steel Replacement Whip.** With adapter. For 21-904, 908, 940 antennas. **21-952** **£4.99**

B **Fibreglass Replacement Whip.** With adaptor. For 21-925, 926 antennas. **21-953** **£5.99**

C **Snap-In Roof Mount.** Replacement for base-loaded antennas. Also mounts on cowl, wing, boot. Req. ⅜" hole. **21-914** **£5.49**

D **Replacement Small Spring.** Heavy-duty stainless steel. **21-916** **£3.95**

E **Hole Plugs.** Cover ⅜" antenna holes. May be inserted from outside car. **21-920** **39p**

F **Gutter Clamp.** For most antennas requiring ⅜" diameter hole. **21-911** **£4.49**

G **Antenna Hold-Down Clip.** Clips to gutter, keeps long whip antennas from causing or being damaged. **21-917** **£1.99**

H **Mounting Hardware.** Standard ⅜"-24 female thread. Fits mounting plates up to ⅛" thick. Nickel plated. **21-950** **£2.29**

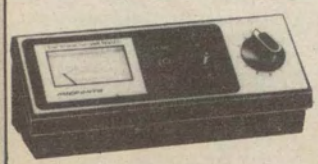
I **Mirror/Luggage Rack Mounting Bracket.** Accepts ⅜"-24 threaded whip antennas. **21-937** **£5.95**

J **Flexible Rubber Antenna.** "Rubber Duck" fits in CB's and walkie talkies. **21-980** **£3.99**

K **Back-of-Set Antenna.** Right-angle design connects into coax socket on your CB rig. Stainless steel upper. Centre-loaded. PL-259 connector. **21-921** **£6.95**

Field Strength/SWR Meter

£14.95



- *Covers 2-30 MHz 53 Ohms*

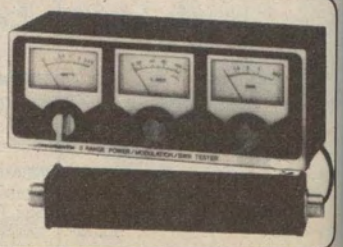
Operate your CB with maximum efficiency. Measures SWR forward and reflected power to 1 kW. Covers 2-30 MHz 52 Ohms. 1⅞ x 6³/₁₆ x 2½". **21-525** **£14.95**

Modulation/SWR Test Meter

£24.95

- *Covers 3-30 MHz*

Measures power output in 3 ranges: 0-5 Watts for CB and 0.50 and 0.500 for amateur band equipment. Measures percent of modulation from 1 to 120% SWR meter checks antenna system. 52 ohms. 3⅜ x 8¼ x 4¼". **21-522** **£24.95**



Tandy® -Everything in Citizens Band Accessories

Noise Cancelling Mike

£14.95

Noise Cancelling Mike with Preamp. Preamp assures 100% modulation, works as dynamic mike without battery. LED battery test button. Requires 7v battery.
21-1175 ..... **£14.95**
7v Battery.
23-601 ..... **£3.89**

Dynamic Mike

£6.95

- *With Coiled Cord*

Dynamic Mike. Economically priced replacement mike with coiled cord and DIN-type plug.
21-1172 ..... **£6.95**

Base-Station CB Mike

£21.95

NEW FOR 83

Integral "Locking" Push-To-Talk Control!

The ideal "Base-Station" mike. Features easy-adjust mike-element and locking talk-bar for continuous hands-free talking. Gain control and 4' coiled cord. Requires 9v battery. **21-9031** **£21.95**

Mike Holder

79p

Magnetic Citizens Band Microphone Holder. No holes to drill, no hardware needed.
21-1130 ..... **79p**

Microphone Clip

£1.39

Microphone Clip. Easily mounted with screws, or use insta-mount adhesive.
21-923..... **£1.39**

Regulated Power Supply

£24.95

- *Use Mobile CBs, Ham Rigs at Home*

NEW FOR 83

Regulated 13.8v DC supply, operates most 12 to 14 volt DC devices from 240v AC. 2.5 amps continuous load at 13.8v DC. Rugged metal cabinet. **22-7000** **£24.95**

Citizens Band Extension Speaker

£8.95

- *Handles 5 Watts!*

360° swivel base, installs on dash, cab roof, wall, ceiling. 4" speaker. Handles 5 watts. 8 ohms. 10' cable with miniplug. **21-549** **£8.95**

Battery Charger

£5.95

Handy battery charger charges 12-15v nickel cadmium batteries. Use with 21-9110 220/240v mains, 50 Hz.
21-516 ..... **£5.95**

12v DC Car Power Cord

£2.29

Power your walkie-talkie from your lighter socket.
270-1533 ..... **£2.29**

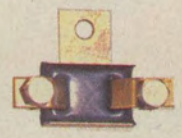
Power Cord

£1.69

12v DC replacement power cord. 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse. **21-550** **£1.69**

Radio Noise Filter

£5.95



Noise filter cuts alternator or generator for excellent reception. **21-509** **£5.95**

Dummy Load Antenna

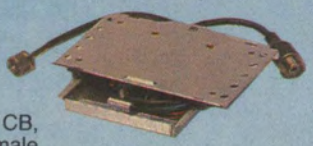
£2.95

Dummy load antenna with non-inductive 52-ohm load for testing up to 5-watts.
21-628 ..... **£2.95**

Mount Your Unit Quickly and Easily With a Tandy Bracket

Underdash Mount

£10.95



Female half attaches to CB, slides on or off male bracket. **21-566** **£10.95**

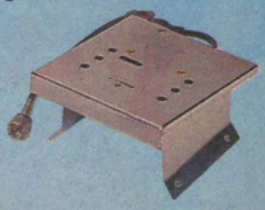
Extra Mount

£6.95

For item 21-566. Use same CB in two vehicles.
21-567 ..... **£6.95**

Floor Mount

£10.95



Same removal-insertion features of underdash mount 21-566.
21-568 ..... **£10.95**

THE CB WORLD IS EASY AND FUN AT TANDY!

Tandy® "Realistic" - World's Biggest Name in CB!

40 Channel 4 Watts Walkie Talkie

Ready To Use On All Channels! No Crystals to Buy!

£119.95

- *Easy-to-Read LED Channel Display*
- *Built-In Power Switch Hi-Lo*

Realistic TRC-1001. Ideal wherever reliable portable communication is needed! Battery/RF meter, adjustable squelch, separate speaker and electret condenser microphone. Accessory jacks let you add an external speaker, earphone, antenna, hand mike, DC adapter, and battery charger. 10 x 3½ x 2½". Requires 8 "AA" or 10 rechargeable batteries.
21-9110 ..... £119.95 Each

Carry Case Included

Push-to-Talk Mike Plugs Into TRC-1001 (Optional extra)

2 Channel 1.5 Watt Walkie Talkie

NEW FOR 83 **£59.95**

- *LED Battery Indicator*
- *Range-Boost Side Panels*
- *Includes Channel 20 Crystals*

Realistic TRC-1002. Great for orienteering, camping, hiking, rock-climbing, sailing - any activity where reliable communication is essential. Features adjustable squelch, on/off volume control, channel separation button, separate speaker and electret condenser microphone. Simply extend the aerial - hold side-button down to talk and release to receive. Size: 9⅝ x 3 x 3". Requires 8 "AA" or 10 rechargeable batteries and one set of crystals.
21-9111 ..... £59.95 Each

CB Transmit/Receive Crystals

Pack of two includes one receive and one transmit crystal, available by order.

Channel	Cat. No.	Pair
9	21-7030	£1.99
14	21-7031	£1.99
19	21-7032	£1.99
30	21-7033	£1.99

50-Mw Walkie Talkie

NEW FOR 83 **£29.95**

- *Telescopic Antenna for Superior Reception*

Realistic TRC-1003. 50-milliwatt CB Walkie Talkie designed for portable 1-channel, 2-way communications. Ideal outdoors, or you can put it to good use around the home, in the office, in the car. Easy to operate - features on/off rotator volume control, talk-button and listen/talk speaker/microphone.
21-9112 ..... £29.95 Each

40-Channel 4-Watt CB Base Station

NEW FOR 83 **£129.95**

- *LED Modulation Indicator*
- *Bright LED Channel Readout*
- *Automatic Noise Limiter*
- *Includes Microphone*

Realistic TRC-3000. With a home base and a mobile set in your vehicle you can keep in touch with your office or family. Features PLL circuitry for precise frequency control, RF output power and signal strength, and LED modulation indicator. Also has external speaker jack, antenna connector, headphone input and power switch.
21-9115 ..... £129.95
Base Station Antenna. 21-9022 ..... £39.95
Base Station Mike. 21-9031 ..... £21.95

Frequency Coverage: All 40 CB channels, 27.60125 to 27.99125 MHz. **Sensitivity:** 0.5μV or better for 10 dB S + N/N. **Adjacent Channel Rejection:** 80 dB (for 10 kHz), greater than 10 B for 20 kHz. **Intermediate Frequency:** 1st IF = 10.695 MHz. 2nd IF = 455 kHz. **Audio Output:** 5 watts (max.). **Frequency Response:** 450-2500 Hz. **Cross Modulation:** 50 dB (or better). **Squelch:** Adjustable from 0.5 μV to 1000 μV. **Transmitter: Power Output:** 4 watts (max.). **Modulation Capabilities:** 90-100%. **Spurious Radiation:** Better than -65 dB. **Frequency Toleration:** Better than 0.002%. **Antenna Impedance:** 50 ohms. **Power Requirements:** 240 volts, 50 Hz AC. **Dimensions:** 4¾ x 11 13/16 x 9¾" (H.W.D.).

ALL REALISTIC CB RADIOS COMPLY WITH HOME OFFICE SPECIFICATIONS MPT-1320

With Realistic™ Mobile CB You Never Drive "Alone"

"Easy Rider" 40 Channel 4 Watt

NEW FOR 83 **£129.95**

- *Puts CB In The Palm Of Your Hand!*

Space-Saving Design is Ideal for Today's Smaller Cars! Mounts Under-dash - Under Seat, in Glove Compartment - or in the Boot. With optional cable!

Realistic TRC-2003. Safe to operate because the controls are built into the mike. Lighted channel indicator with fast electronic up/down channel selector. Automatic noise limiter reduces interference, dual MOSFET eliminates cross-modulation. Ceramic filters cut adjacent channel noise. Jack for external speaker. Includes mounting hardware. **21-7070** ... **£129.95**

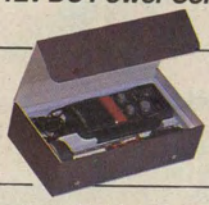
16½ Ft. Transceiver Extension Cable

Lets you mount the Realistic Easy-Rider CB **(21-7070)** above, in your boot - and use only the handset on the dash. **21-7090** **£23.95**

"Emergency Unit" 40 Channel 4 Watt

£79.95 NEW FOR 83

- *Includes Telescopic Magnetic Mount Antenna, 12v DC Power Cord*



Protective Storage Case

Realistic TRC-1004. Compact and incredibly easy to use, yet features all 40 CB channels and full 4-watt power output. Large, easy-to-read LED channel display, built-in microphone and dynamic speaker, LED transmit indicator, push-to-talk bar. Set stores in a vinyl travel case, only 3¾ x 12¾ x 7" and fits in the boot, or under a seat. Reliable PLL circuitry gives you precise frequency control and stability over all 40 channels. With external antenna jack. 10-foot antenna cord. 12v DC neg. gnd. only. **21-9113** **£79.95**

Tandy Has Everything You Need in Quality CB!

Deluxe 40 Channel 4-Watt with P.A.

£99.95

- *Illuminated Signal/RF Meter*
- *Built-In Power Switch 4W/0.4W*
- *Mic/Ref Gain Control*

Realistic TRC-2000. Has PLL circuitry for ultra-precise frequency control. LED Tx indicator. Has large LED channel readout. Switch for PA operation. Variable squelch, crystals and ceramic filters. Jacks for external CB and PA speakers. With lock-plug mike. Mounting hardware.
21-9100 ..... **£99.95**

Specifications: Sensitivity for 20 dB S + N/N: 0.7μV. **Adjacent channel rejection:** 65 dB at 10 kHz. **Audio Output Power:** 2.5 W max. **RF power output:** 4W max. **Power requirement:** 12v DC. **Size:** 2³/₁₆ x 6⁵/₁₆ x 8³/₁₆".

40-Channel 4 Watt with P.A.

£79.95

- *Built-In Power Switch 4W/0.4W*
- *Big Signal/RF Power Meter*

Realistic TRC-2001. Ultra compact, yet has variable squelch to cut signal "chopping". Big LED channel display. S/RF power meter. LED Tx indicator. Ceramic filters cut adjacent channel interference. Add a P.A. speaker for use with public address system. With locking-plug mikeand mounting hardware. **21-9101** **£79.95**

Specifications: Sensitivity for 20 dB S+N/N: 0.7μV. **Adjacent channel rejection:** 65 dB at 10 KHz. **RF output:** 4W max. **Power Requirements:** 12v DC. **Size:** 1⁹/₁₆ x 5½ x 8¹/₁₆".

40 Channel 4 Watt Compact Mobile CB

NEW FOR 83 **£69.95**

- *Phase Lock Loop Circuitry*
- *Built-In Automatic Noise Limiting Circuitry*

Realistic TRC-2002. Compact FM 40-channel CB -designed for years of trouble-free performance. Features a built-in 40 channel PLL synthesizer circuit - a new technique for generating all the required frequencies with fewer crystals. The result is much tighter frequency control and greater reliability.
21-9102 ..... **£69.95**

Specifications: Sensitivity for 10 dB S+N/N: 0.5μV. **Adjacent channel rejection:** 65 dB at 10 kHz. **RF output:** 2W max. **Power Requirements:** 12v DC. **Size:** 1⅝ x 5⁵/₁₆ x 8¹/₄".

Build Your Electronics Understanding With an Archerkit

Power Supply Kit 0-20v DC, 2.5A

£74.95

Complete With Cabinet!

- ***Solid State • Overload Protected***
- ***Adjustable Current Limiter with LED Indicator***

A very stable and precise laboratory power supply. Adjustable from 0 to 20v maintaining its precision over the whole range. Adjustable current limiting, so it is also a constant current source. Solid but elegant appearance and can be used on the bench or in a rack. Very low output ripple. Output voltage and current indication.

277-9601 ..... **£74.95**

Technical Specifications: Mains voltage: 115-220-250v AC. 50-60 Hz. **Output voltage:** 0-20v DC. **Maximum Output Current (continuous operation):** 2.5A. **Load Regulation:** 0.15%. **Ripple:** 1mV. **Dimensions:** 9¼ x 4½ x 7½".

Cross-Hatch Generator

£32.95

Complete with Cabinet!

- ***Battery Test Switch***
- ***LED Battery Level Indication***
- ***3 Test Pattern - Horizontal, Cross - Hatch - Vertical***

A white 90° line reticle or a series of horizontal or vertical lines can be produced on the TV screen. Requires 6 "AA" batteries.

277-9602 ..... **£32.95**

Technical Specifications: Power Supply: 9v DC battery. **Current absorbed:** 2mA. Output frequency adjustable in high number channels of third (VHF) or in fourth (UHF) wavebands.

Portable Signal Tracer With RF Probe

Complete With Cabinet! **£39.95**

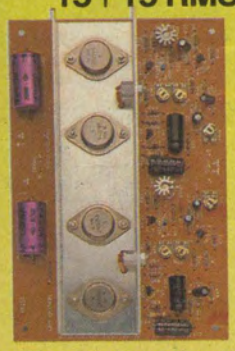
- ***Separate Input For RF and Low Frequency***

Find faults in any radio or television set. Its signal sensitivity is excellent and can be decreased when needed by using an attenuator. Requires 6 "AA" batteries.

277-9600 ..... **£39.95**

Technical Specifications: Power Supply: 9v DC internal or external. **Maximum voltage on probe.** 500v DC. 50 V p-p. **Frequency range, 30% modulation:** 100 kHz-500 MHz. **Sensitivity for 100 mW output of RF:** 10mV RMS.

15+15 RMS Stereo Amplifier



£29.95

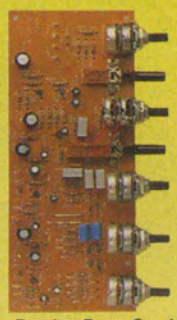
- ***For Real Hi-Fi Sound***

This hi-fi stereo amp is powerful enough to meet most normal requirements of both amateur and professional users. Its excellent performance level makes it ideal for use in average sized auditoriums with turntables, tape recorders, amplifiers and so on. **277-9603** **£29.95**

Requires Power Supply 24v DC 1A. 270-9500

Technical Specifications: Power Supply: 24 to 30v DC. **Output Load:** 4-8Ω. **Channel Separation:** 60 dB. **Full Load Current:** 0.8+0.8A.

Stereo Preamplifier with Tone Control (Bass-Middle-Treble)



£32.95

- ***Connects to a Wide Range of Amplifiers and Input Transducers***

Essential for Hi-Fi equipment of modular construction. Has tone controls for bass, middle and treble ranges, a tapped volume control and a loudness control for physiological correction.

Requires Power Supply 24v DC 1A. 270-9500

277-9607 ..... **£32.95**

Technical Specifications: Supply Voltage: 16-12v DC. **Gain:** 9 dB. **Max. Output Voltage:** 2v. **Tone Controls:** ± 12 dB.

4 Band Mono Frequency Equalizer

£12.99

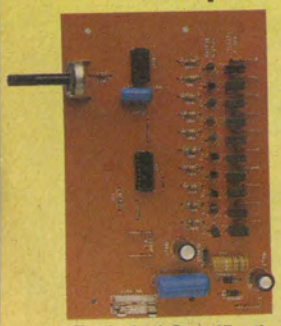
- ***Four Linear Controls***

Equalizing network alters the response of reproduction systems, equalizing it over a given frequency range, compensating for system errors, acoustics etc..

277-9605 ..... **£12.99**

Technical Specifications: Supply: 9v DC. **Current absorbed:** 9mA approx. **Bands:** 4 (low, medium-low, medium-high, high). **Mid frequencies:** 40 Hz, 250 Hz, 1500 Hz, 9000 Hz. **Frequency Range:** 15 Hz to 30 Hz. **Attenuation:** 6dB/Octave. **Input Impedance:** 20Ω approx. **Output Impedance:** 100Ω approx.

10 Lamps Sequential Control



£29.95

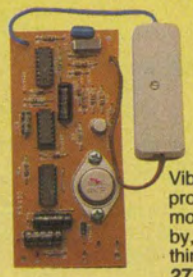
- ***Ideal For Discos***
- ***Variable Sequence Speed Control***

Circuit controls the switching on of lamps in sequence replacing electromechanical methods - no contacts to wear out or oxidise.

277-9604 ..... **£29.95**

Technical Specifications: Pwr Supply: 220/240v AC, 50 Hz. **Max. Power of Lamps:** 350W, each lamp. **Dimensions:** 6¾ x 4½ x 6¾".

Motorcycle Burglar Alarm



£19.95

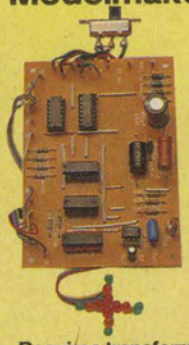
- ***Responds To Vibration***

Vibration actuated device protects motorcycle, first movement sets to standby, second - first alarm, third - a full scale alarm.

277-9608 ..... **£19.95**

Technical Specifications: Supply: 6-15v DC. **Current (pre activation):** 20μA. **Standby period:** 20s. **Duration of first alarm:** 10s. **Duration of full alarm:** 30s.

Modelmaker's Traffic Lights



£22.95

- ***Ideal for Amateur Modelmakers***

Traffic light has a predetermined cycle - with the option of regulating to flashing yellow lights only, preparing a lifelike road system model.

277-9606 ... **£22.95**

Requires transformer for mains operation (273-9533) or external DC supply.

24VDC 1A Power Supply

£7.99 • ***Input 240v AC 50 Hz***

This power supply module will provide DC supply requirements for other kits on this page. **270-9500** **£7.99**

"Hook Up" With Tandy® Connectors and Fuses

Barrier Strips, Terminals

Barriers prevent short circuits. Feedthroughs have 3/16" solder terminals on rear. Base material rated 600v, 30 amps max.

Terminal	Cat. No.	Each
4	274-651	£1.19
6	274-652	£1.29
8	274-653	£1.69

Eight-Position Jumper

Connects all terminals to 274-653. Can be cut to connect two or more terminals of any of the feedthrough and barrier strips above.

£1.19

274-650 ..... **£1.19**

"European" Barriers

A

Low as

£1.49

B

Moulded plastic terminal blocks with recessed set-screws to prevent accidental contact. Rated 600v, 10 amps per circuit.

A **12-position. 274-679** **£1.69**

B **8-position. 274-678** **£1.49**

2-Pin and Power Connectors

A **2-Pin Plugs and Sockets.** 3 male, 3 female in red, black and ivory. Chassis-mount socket: 1/2x1/2" **274-342** ..... **3 Pair/£1.59**

B **Chassis-Mount Jacks.** For coax plugs below. Includes one each of .085" and .097" sizes. **274-1549** ..... **Pkg. of 2/59p**

C **Coax Plugs.** Fit adapter sockets of most battery-operated equipment and jacks listed above. One each of .085" and .097" inside diameter, 1" long, .218 outside diameter. **274-1551** ..... **Pkg. of 2/79p**

1 3/4"-Long. .196" O.D. **274-1550** ..... **Pkg. of 2/79p**

D **AC Sockets.** Chassis mount. Solder lugs. Flange has 1.25" hole spacing. **270-642** ..... **Pkg. of 4/89p**

Multi-Conductor Connectors

Indexed pins. Plugs fit only one way and only into matching sockets. 7.5 amps, 500v max.

Male Cord Connectors

Mate with female cord or chassis connectors below that have the same number of pins.

Pins	Cat. No.	Each
4	274-204	£1.39
6	274-207	£1.59

Female Cord Connectors

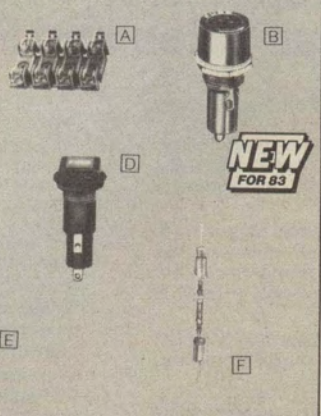
Pins	Cat. No.	Each
4	274-205	£1.39
6	274-208	£1.59

Chassis-Mount Sockets

Pins	Cat. No.	Each
4	274-206	99p
6	274-209	£1.19

Holders for 1 1/4 x 1/4" Fuses

One for Every Purpose



A **Four-Position "Fuse Block".** Ideal for automotive use – accepts quick-disconnect (auto-type) connectors or can be soldered. 30 amps per circuit. Glass-filled polyester. **270-742** **£1.69**

B **Screw-Slot Type.** For panel mounting. Rating 10 amps at 250VAC. **270-367** **69p**

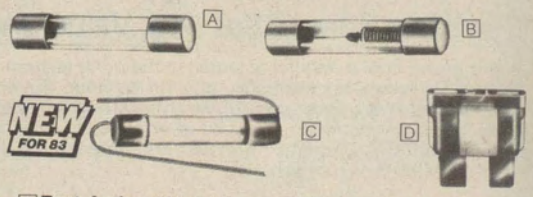
C **Panel-Mount.** 1 5/8" long, requires 1/2" mounting hole. Solder terminals. **270-364** **79p**

D **Panel-Mount.** 1 5/8" long, requires 1/2" mounting hole. Modern-look square bezel. **270-365** **69p**

E **Inline.** Spring assures positive contact pressure. Tinned wire leads. **270-1281** **59p**

F **Quick-Connect.** Solderless, requires 14 to 24-gauge wire. **270-366** **69p**

Wide Selection of Fuses



A **Fast-Acting** 1 1/4x1/4"

Amps	Cat. No.	Pkg. of 3
1/2	270-1271	59p
3/4	270-1272	59p
1	270-1273	59p
1.5	270-1274	59p
2	270-1275	59p
2.5	270-1260	59p
3	270-1276	59p
4	270-1277	59p
5	270-1278	59p
6	270-1252	59p
7	270-1253	59p
8	270-1254	59p

B **Slow-Blow** 1 1/4x1/4"

Amps	Cat. No.	Pkg. of 2
1	270-1283	£1.19
2	270-1285	99p
6	270-1291	89p
7	270-1292	89p
8	270-1293	89p

C **Fast-Acting Pigtail**

Amps	Cat. No.	Pkg. of 2
1/4	270-1220	69p
1/2	270-1221	69p
3/4	270-1222	69p
1	270-1223	69p
1.5	270-1224	69p
2	270-1225	69p
2.5	270-1226	69p
3	270-1227	69p

D **Blade-Type Auto**

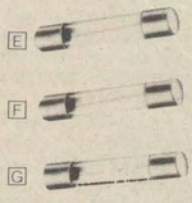
Used in most late-model vehicles.

Amps	Cat. No.	Pkg. of 2
10	270-1206	69p
15	270-1207	69p
20	270-1208	69p
25	270-1209	69p

Fast-Acting fuses "blow" quickly to protect radios, amplifiers, electronic equipment and circuits that normally do not draw heavy current surges. Slow-Blow fuses protect devices that require high starting current – motors, solenoids, lamp circuits. A and B are 1 1/4x1/4".

E 3/4 x 1/4"

Cat. No.	Fast Blow Fuse	Price
270-9002	.25A	3 for 59p
270-9003	.5A	3 for 59p
270-9005	1A	3 for 59p
270-9006	1.6A	3 for 59p
270-9007	2A	3 for 59p
270-9008	4A	3 for 59p
270-9009	6.3A	3 for 59p



F 3/4 x 1/4"

Cat. No.	Medium Blow Fuse	Price
270-9011	.1A	3 for 99p
270-9012	.25A	3 for 69p
270-9013	.5A	3 for 69p
270-9015	1A	3 for 69p
270-9016	1.6A	3 for 69p
270-9017	2A	3 for 69p
270-9018	4A	3 for 69p
270-9019	6.3A	3 for 69p

G 3/4 x 1/4"

Cat. No.	Slow Blow Fuse	Price
270-9021	.1A	3 for 99p
270-9022	.25A	3 for 69p
270-9023	.5A	3 for 69p
270-9025	1A	3 for 69p
270-9026	1.6A	3 for 69p
270-9027	2A	3 for 69p
270-9028	4A	3 for 69p
270-9029	6.3A	3 for 69p

Blade Fuse Kit

£1.39

Set of 5

Box with one each of the most used plastic types 5, 10, 15, 20, 25 amps. Colour coded. 32 volts.

270-1201 ..... **Set £1.39**

Tandy® is 8400 Stores and Dealers Worldwide, Now Closer to You to Serve You Better

Our 62nd Year of Service, Value and Reliability!

We've grown from a handful of stores in the north eastern United States to the Number One consumer electronics chain in the world. But we'll always remember who made us what we are - *you!*. So we give you our best - products that are priced right and precision-crafted for years of enjoyment ... and we're backed by the resources of Tandy Corporation (NYSE). That means we back our brands with total service and the best in engineering.

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Our store near you has courteous, knowledgeable salespeople ready to help you. Keeping you happy keeps us in business. 32,000,000 active customers, world-wide, agree. If you live in a rural area a smaller community, Tandy quality is probably available locally. A store in your town may be a Dealer for our exclusive national brands - look for our sign.

Your Purchase is Backed-Up by Our Famous Tandy Service and Quality Parts

Our guarantees *really* mean something - service and genuine factory parts are available through our stores everywhere. Wherever you live, work or go, Tandy service is nearby. And we know our products from start to finish - from manufacturing in our own 28 factories to expert follow-up service.

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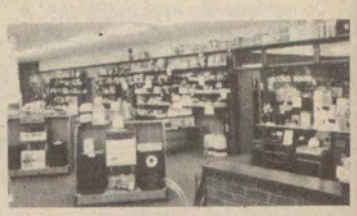
Tandy Computer Centres specialize in our exclusive TRS-80® line only! Experts will assist you with advice, demonstrations, leasing plans, after-the-sale service, and even classroom training. Each Centre displays our full line of computers and accessories and software, including the powerful Model II business computer. Come in soon. You may place orders in the Computer Centre or at the Tandy store or dealer nearest you.



A Great Employment Opportunity! Tandy Now Offers Promising Careers in Retail Sales and Sales Management

Every Tandy store is a profit making centre managed by professional people who are enthusiastic not only in the career opportunities offered by a growth company, but also about the products they are selling, and we are looking to recruit the following key people, Trainee Managers, Salesmen, and Computer Marketing Representatives, to staff our ever increasing number of regular and computer stores.

In every case the successful applicant aged 20-45, must be of smart appearance, career minded and ambitious. An exceptionally high level of self motivation, the ability to make decisions and the willingness to be measured on performance, are vital attributes. A bias towards electronics and some experience in retail is desirable but not essential. Car owners prefered.

In the case of the Computer Marketing Representative we are seeking to recruit sales professionals, who have a proven specialist sales background in computer, micro-computer or associated products

We also require Micro-Computer Field Service Engineers to be based throughout the UK, who have a full knowledge of digital logic equipment and associated products.

Full and comprehensive training will be given for all appointments, and our trainee management scheme, is designed to give sound practical knowledge and experience in our type of retailing. You would be working in one of our branches with the manager, learning from and assisting with all aspects of retail shop management. This is combined with training periods in our training centre, where we aim to back up practical experience with theoretical and administrative knowledge.

We would hope to be able to promote you to manager of your own store within a 12 months training period dependant on ability.

It is the policy to promote from within the company wherever possible therefore our middle and senior management positions and most of those on the administrative side are filled by successful trainees who have worked as trainee store managers or store managers within Tandy Corporation.

If you feel that you would like to make the retailing profession your choice of career, and appreciate the opportunity that Tandy Corporation has to offer then please write to:

The Personnel Department, Tandy Corporation (Branch UK), Tameway Tower, Bridge Street, Walsall, West Midlands.

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- **Security - A multi-million pound Company**
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- **A regular weekly delivery service**
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Bilston Road, Wednesbury, West Midlands. WS10 7JN
021-556-6101

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-10 Union Street.
-*C.B. City, 85 Ash Hill Road, Ash.
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-15 Central Area Development, Anchor Road.
ANDOVER
-69-71 High Street.
ASH
-*C.B. City, 85 Ash Hill Road.
ASHFORD
-*†Ashford Computer Centre, -2 Station Parade, Clarendon Road.

BANGOR
-*Data Office Equipment, 84 High Street.
-Station Parade, East Street.
BARKING
-Focal House, 12 Station Parade, East Street.
BARNSLEY -58 Market Street.
BARROW-IN-FURNESS
-*Furness Electronics, Furness House.
BASILDON -65 Southernhay
BASINGSTOKE
-22 London Road.
-*CB City (Basingstoke) Ltd., 1 Reading Road, Chineham.
BATH
-3 The Mall, Southgate Centre.
-*Lewhay Radio Ltd., 28 Shaftsbury Road, Oldfield Park.
BATHGATE
-*Sangster Electronics, 82 North Bridge Street.
-*Sangster Electronics, 84 South Bridge Street.
BEDFORD
-7 Greenhill Street.
-*Anglia Audio (Bedford), 31 St. Loyes Street.
BELFAST
-*DVM-Tandy, D. V. Martin Limited, 13 Bridge Street.
BILSTON -94a Church Street.
BIRKENHEAD -23 Princes Pavement, Grange Road Precinct.
BIRMINGHAM
-*Audio & Disco, 23a Hurst Street.
-BIRMINGHAM CENTRAL, 80 Corporation Street.
-†BIRMINGHAM COMPUTER CENTRE, 73-75 Smallbrook Queensway.
-BULL RING, 528 The Bridge, Bull Ring Shopping Centre.
-*CHELMSLEY WOOD, Tomorrows World, 22 Maple Walk, Chelmsley Wood Shopping Centre.
-DALE END, 57-58 Dale End.
-†EDGBASTON COMPUTER CENTRE, Unit 6, Edgbaston Shopping Centre, Hagley Road, Edgbaston.
-ERDINGTON, 218 High Street.
-HALESOWEN, 5-7 Queensway.
-NORTHFIELD, 749 Bristol Road South.
-*REDNAL, Audio Four T.V. Services, 1708 Bristol Road South.
-SHELDON, 2268 Coventry Road.
-SMETHWICK, 44-46 Cape Hill.
-SOLIHULL, 48 Drury Lane.
-SUTTON COLDFIELD, 176 The Parade, Gracechurch Centre.
-WARD END, 887 Washwood Heath Road.
BLACKBURN -21 Stonybutts.
BLACKPOOL
-*Stewarts Radio, 2-4 Caunce Street.
-*Micro Chip Shop, 197 Waterloo Road.
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-*O & J House Ltd., Higher Shaftsbury Lane.
BLETCHLEY -20 The Concourse, Brunel Centre.
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-Models Plus Tandy, 55 West Street.
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-132-134 Commercial Road.
BRADFORD
-†Bradford Computer Centre, 2-4 Forster Square.
-9 Petergate.
BRIDGEND
-*Tele Electrical Services, 9 Brackla Street Centre.
BRIGHTON -70 London Road.
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-22-24 Union Street.
-†Bristol Computer Centre. Unit 3, Colston Centre.
-BISHOPSTON, 13 Gloucester Road.
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-DOWNEND, 5 Badminton Road.
-KNOWLE, Broadwalk Shopping Centre.
-YATE, 4 North Parade.
BRIXHAM
-*Computer Systems (Torbay), Pump Street.
BROMSGROVE -6-8 St. John's Street.
BROWNHILLS -60 High Street.
BURNLEY -91 St. James Street.
BURTON-ON-TRENT
-*Bucintoro Limited, Belvedere Filling Station, Belvedere Road.
BURY -92 The Rock.
BURY-ST-EDMUNDS
-*C.B. Paradise, 69 Out Northgate Street.
CAMBRIDGE
-*Tandy Store, 1 Emmanuel Street.
-*†4 Emmanuel Street.
CAMBOURNE
-*Brewer & Bunney (ECS), 70 Union Street.
CARDIFF -9 Wood Street.
-*Evan Roberts (Basement), Kingsway Ho. -Queen Street.
CASTLEFORD
-*Nicks C.B. Radio Centre, 36 Albion Street.
CHANDLERS FORD
-*Television Audio Sales, 91 Bournemouth Road.
CHELTENHAM -31 Cambray Place.
CHESTER
-Kwik Save Centre, Sealand Road, Bumpers Lane.
-19 Paddock Row, Grosvenor Precinct.
CHINEHAM
-*C.B. City (Basingstoke) Ltd., 1 Reading Road.
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-*Car Entertainment (Chorley), 193 Lyons Lane.
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-4-6 Short Wyre Street,
-*Emprise Limited, 58 East Street.
CORK
-*Mitec Limited, 19 Cook Street.
COVENTRY -4 Hales Street.
CRAWLEY
-8 The Broadway.
-*Crawley Television Maintenance, The Marletts.
CREWE -12 Market Street.
CROYDON
-†Croydon Computer Centre, Ryman, 2 Norfolk House, Wellesley Road.
-*Cassdene Limited, 49 St. George's Walk.
CUMBERNAULD
-Unit 33, 12 Teviot Walk, Cumbernauld New Town.
DARLINGTON
-15-16 Priestgate.
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-*Rossco Limited, "Tandy Authorised Dealer", 67 High Street.
DERBY -33 Victoria Street.
DIDCOT
-*John E. Lay Limited, 103 Broadway.
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-32-34 Kingsgate, Waterdale Centre.
DONNINGTON
-*H. Leedham, 14 The Parade.
DORKING
-*Surrey Sussex Electronics. 27 Meadowbrook Road.
DUBLIN
-*Mitec Electronics Limited, -26 Bachelors Walk.
-*21 Temple Bar.
-*Elat Ltd, 24 Sth. Gt. Georges Street.
DUDLEY
-Trindle Road Roundabout.
DUNDEE
-Unit 29, Wellgate Centre.
DYFED
-*Microchip, 6 Meyrick Street, South Pembroke.
EASTBOURNE
-106 Kingfisher Drive, Langney Shopping Centre.
EAST KILBRIDE
-8 Princes Square.
EASTLEIGH
-11 Market Street.
EDINBURGH
-8 Castle Street.
-†EDINBURGH COMPUTER CENTRE, 63 George Street.
EPSOM
-*Singer Co. (UK) Limited, 9-9a High Street.
EXETER -13 Paris Street.
EXMOUTH
-44 The Parade, Magnolia Centre.
FAREHAM -Unit 78, Fareham Shopping Centre.
FARNHAM -16 West Street.
FAROE ISLANDS
-*PF Data, Jonas Broncks Goeta 27.
FORRES
-*J.M. Younie & Sons Limited, 126 High Street.
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-*Fulwood On Channel C.B. (North West), 111 Blackbull Lane.
GIBRALTER
-*A.C.M.O.D.A. Ltd., 4 Trafalgar Road, P.O. Box 209,
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-28 Jamaica Street.
-Unit 8, Sauchiehall Street Centre.
-*V. Morris (Audio Visual), 340 Argyle Street.
GLENROTHES -18 Lyon Way.
GLOUCESTER
-*Tandy Store, 13-17 Clarence Street.
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-*A.B.N. Electronics, 99 London Road.
GRAYS -7 North Mall, Town Centre Shopping Development.
GREAT YARMOUTH
-*Tony Hood Electronics, 26a Market Gates.
GREENOCK
-46 Hamilton Way.
GRIMSBY
-Unit 5, Riverhead Centre. Victoria Street Entrance.
GUILDFORD
-*P.J. Equipments Ltd., 3 Bridge Street.
-*Basic Electronics, 18 Epsom Road.
HADLEIGH
-*Allerbridge Limited, 253A London Road.
HANLEY -16 Charles Street.
HARROGATE
-34 Oxford Street.
HARTLEPOOL
-182 Middleton Grange, Shopping Development.
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-*Tandy Store, 48 Queens Road.
HAVERFORDWEST
-*Loosmore, 33 High Street.
HEMEL HEMPSTEAD
-129 The Marlowes.
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-*Wallis (Hereford) Ltd., Sunbeam Corner, Eign Street.
HINCKLEY -*Unit 5, Brittannia Centre.
HUDDERSFIELD
-16 Kirkgate, Packhorse Shopping Centre.
-*Herbert Senior Ltd., 112 Huddersfield Road, Mirfield.
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ICELAND
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-*Tandy Radio-Shack, Laugaveg 168, 105 Reykjavik.
-*Heimillkstaeki SF. Saetun 3, Reykjavik.
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-*Singer Co. (U.K.) Limited, 94 High Road.
IPSWICH -40 Westgate Street.
KEIGHLEY
-60-62 Towngate.
KIDDERMINSTER
-*J. & H. Russell (Kidderminster), 21-22 Coventry Street. Coventry Street, Swan Centre.
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KIRKINTILLOCH -3 Cowgate.

LANCASTER
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LEAMINGTON SPA -83 Warwick Street.
LEEDS -72 Merrion Centre.
-30 Eastgate.
LEICESTER
-22 Market Street.
-*Leicester Electronic Market, Unit 64, Haymarket Centre, Belgrave Gate.
LETCHWORTH
-25 Commerce Way.
LINCOLN -332 High Street.
LIVERPOOL
-*Classic Cinema Centre, 190 Allerton Road.
-BOOTLE, 47 Medway, New Strand Precinct.
-†LIVERPOOL COMPUTER CENTRE, 16 Lord Street.
-OLD SWAN, 648 Prescott Road.
-PRENTON, Kwik-Save Centre, 374-376, Woodchurch Road.
-RUNCORN, 120 Runcorn Shopping Centre.
-ST. JOHN'S, 168 Market Way, St. John's Centre.
-WALLASEY, 3 Liscard Way.

LONDON
-*Audio Electronics, 301 Edgware Road, W12.
-BAYSWATER, The Colonnades, 7 Westbourne Grove.
-BECKENHAM, 144 High Street.
-†172 Bishopsgate, EC2.
-†65 Buckingham Palace Road, SW1.
-BRIXTON, 389-391 Brixton Road, SW2.
-CATFORD, 23 Catford Broadway, SE6.
-†CENTRE POINT, 20-21 St. Giles High Street.
-CHATHAM, 287-289 High Street.
-CHESHUNT, 92 Turners Hill.
-CHINGFORD, 3 Hall Lane.
-CLAPHAM, 84 Clapham High Street, SW4.
-CROUCH END, 42 The Broadway, N8.
-DAGENHAM, 297 Heathway.
-*"Deans", 283 Edgware Road, W2.
-*"Deans", 191 Kensington High Street, W8.
-*EALING, Tandy Store, 6 New Broadway, W5.
-EAST HAM, 2/3 Station Parade, High Street North, E6.
-EDGWARE, 128 Burnt Oak.
-234 Edgware Road.
-EDMONTON, 123 Fore Street.
-EDMONTON GREEN Precinct. 23 North Mall, N9.
-*Electrosonic Products, 43 Grafton Way, W1.
-ENFIELD, 10 Colman Parade. Southbury Road.
-FULHAM, 409 North End Road.
-GOLDERS GREEN, 3 Golders Green Road, NW11.
-GREENFORD, "Electronic City", 440 Greenford Road.
-HAMMERSMITH, 142-144 King Street.
-*HAMPSTEAD, Radio Shack Limited, 188 Broadhurst Gardens.
-HENDON, 21 Sentinel Square, Brent Street, NW4.
-HIGH WYCOMBE, 18 Octagon Parade.
-HOUNSLOW, 69 High Street.
-*Audio Shack, 214 Great West Road.
-†111 Kingsway, WC2.
-NOTTING HILL, 136 Notting Hill Gate, W11.
-ORPINGTON, 5 The Walnuts.
-PALMERS GREEN, 379 Green Lane, N13.
-ROMFORD, 27 Collier Row Road.
-†1-2 SEACOAL LANE.
-SHEPPERTON, *Station Garage, 103 High Street.
-STRATFORD, 34 The Broadway, E15.
-STREATHAM, 254 Streatham High Road, SW16.
-SUTTON, 206 High Street.
-SWISS COTTAGE, 4 Harben Parade. Finchley Road.
-TOTTENHAM, 455 High Road, N17
-TUNBRIDGE WELLS, 77-83 Camden Road.
-UXBRIDGE, 32 Chequer Square.
-239 Walworth Road, SE17.
-WALTHAMSTOW, 123 High Street, E17.
-WANDSWORTH, 107-109 Wandsworth High Street.
-WELLING, 7 Embassy Court.
-WEMBLEY, 4 Park Lane.
-WIMBLEDON, 124-126 The Broadway, SW19.

LUTON -157 Dunstable Road.
LYTHAM
-C.B.S. Computer Limited, 36 Clifton Street.
MAIDENHEAD -53 Nicholsons Walk.
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-*Tomorrows World, 118 Worcester Road.
MANCHESTER
-ALTRINCHAM, 32 Stamford Road.
-BRAMHALL, 14-15 The Bramhall Centre.
-CHADDERTON, 22-23 Central Shopping Centre, Middleton Road.
-CHEADLE, 67 High Street.
-†MANCHESTER COMPUTER CENTRE, 30 Market Place, Deansgate.
-HYDE, 4-8 The Mall Shopping Centre.
-MANCHESTER CENTRAL, Unit 71, The Arndale Centre.
-†PETER HOUSE, Oxford Street.
-RADCLIFFE, 25 Blackburn Street.
-SALE, 13-15 The Mall Shopping Centre.
-SALFORD, 90 Raven Way.
-STOCKPORT, 111 Princes Street, Stockport.
-STRETFORD, The Arndale Shopping Precinct, Chester Road.
MARKET HARBOROUGH
-*R.D. Jeacock & Sons Limited, 20 Coventry Road.
MIDDLESBOROUGH
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MILTON KEYNES
-*38-40 Church Street.
MIRFIELD
-*Herbert Senior (Mirfield) Ltd., 112 Huddersfield Road.
MORPETH
-*Border Communications, Back Riggs Centre.

NEWARK
-*Bruce & Chambers, 37-39 Cartergate.
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NEWCASTLE-UNDER-LYME
-25 High Street.
NEWCASTLE-UPON-TYNE
-184-186 Shields Road, Byker.
-Unit 10, Gosforth Centre.
NEWGATE -23 Newgate Centre.
NEWPORT -46 High Street.
NEWTOWNABBEY
-*Discount Value Store, 604 Shore Road, Whiteabbey.
NEWTON MEARNS -7-8 McKinley Place.
NORTHAMPTON
-2 The Drapery.
-Weston Favell Centre.
NORTHWICH
-*Pooles (Electronics Specialists), 59-63 Station Road.
NORWICH
-*†Anglia Computer Centre, 88 St. Benedicts Road.
-*Singer Co. (U.K.) Limited, 53 St. Stephens Street.
NOTTINGHAM
-ARNOLD, 126-128 Front Street.
-BEESTON, 30 The Square.
-101 Upper Broadwalk, Broad Marsh Centre.
-NOTTINGHAM COMPUTER CENTRE, 18-20 Mount Street, Maid Marian Way.
NUNEATON -1 Church Street.

ORMSKIRK -37 Moor Street.
OXFORD
-9-10 St. Clements, The Plain.
-*19a Old High Street.

PAIGNTON -35 Hyde Road.
PAISLEY -15 Central Way.
PETERBOROUGH
-*The Peterborough Electronics Store, 2 St. Martins Street.
PETERHEAD
-*D.I.M.E.S. Electronics, 1-3 Ellis Street.
PLYMOUTH -64 Royal Parade.
POOLE -86 High Street.
PORTSMOUTH
-*R.D.S. Electrical, 157-161 Kingston Road.
PORT TALBOT -Aberfan Centre.
PRESTON
-*Electra Centre, 58 Lancaster Road.

RADSTOCK
-*Jade Computers Limited, Coombend.
READING
-18 The Butts Shopping Centre.
RUGBY -25 Church Street.
-Unit 31, Rugby Centre, Manning Walk.
RYDE
-*Scott Jackson Electronics, 72 Union Street.

ST. HELENS
-†EAST LANCS COMPUTER CENTRE, Finger Post Centre, Higher Parr Street.
-36 Bridge Street.
SALISBURY -22 Catherine Street.

SANDY
-*Electron Systems, 6 Park Road.
SCUNTHORPE -140 High Street.
SHEFFIELD
-19-20 Hillsborough Shopping Centre.
-44 Castle Square.
SHREWSBURY -20 Shoplatch.
SITTINGBOURNE
-20 The Forum Shopping Centre.
SKETTY
-*Radio Supplies, 80 Gower Road.
SLOUGH -293 High Street.
SOUTHAMPTON
-Unit 3, East Street Shopping Centre.
SOUTHEND-ON-SEA
-*Singer Co. (U.K.) Limited, 67 High Street.
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-6 Sherridan Centre, Goal Square, Mount Street.
SUNDERLAND -4 Fawcett Street.
-*E. & E. Services Limited, The Green, Southwick.
SURREY -1 Quadrant House, The Quadrant, Richmond.
SWANSEA -48 Princes Way.
SWINDON
-Canal Walk.
-202 Brunel Centre.
-*Microwave & Hi-Fi Centre, 44 Havelock Street.

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TELFORD
-*H. Leedham, 14 The Parade, Donnington.
TIVERTON
*Roy Hart, 10 Fore Street.
TORQUAY -134 Union Street.

UCKFIELD
*M.M.S. Associates, 166 High Street.
UTTOXETER
-*Kay Jays Limited, 48 High Street.

WAKEFIELD -96 Kirkgate, Kirkgate Shopping Centre.
WALLINGTON
-*Surrey Microcomputers Limited, 53 Woodcote Road.
WALSALL
-Unit 1, Saddlers Centre.
-Tameway Tower, Bridge Street.
WASHINGTON
-Unit 63, The Galleries.
WEDNESBURY
-Hollyhead Road/Bilston Road.
WEST BROMWICH
-47 Queens Square, Sandwell Centre.
WHITEHAVEN
-*R.L. Brooks Limited, 97 Duke Street.
WHITSTABLE -*Technocraft Limited, 143 Tankerton Road, Tankerton.
WIDNES
-Unit 10, Albert Square.
WIGAN
-*The Electric Shop (Micron), 132-134 Gidlow Lane.
WINDSOR
-*Windsor Computer Centre, 1 Thames Avenue.
WITNEY
-*Witney Audio, 29 Corn Street.
WOLVERHAMPTON
-1 Market Street.
-Mander Centre, 7 Victoria Street.
WOLVERTON -*Hi Vu Electronics, 38-40 Church Street.
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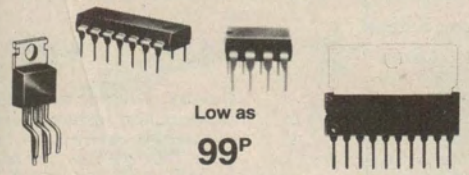

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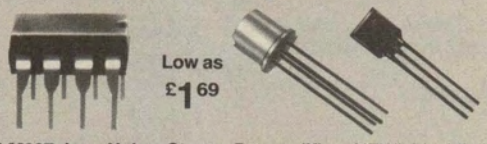

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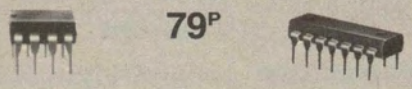

741. Frequency compensated. Overload protected. Split supply. 5 to 16VDC. 8-pin DIP. **276-007** **79p**

1458. Dual op amp. Internally compensated. Lower power consumption. Split supply, 5 to 16VDC. 8-pin. **276-038** **89p**

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Type	DIP	Cat. No.	Each
TL091 (Single)	8-pin	276-1745	£1.49
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CMOS Op Amps. NEW! Protected inputs and outputs. Unbelievably low power consumption (low as 10 microwatts). 1 picoamp input current. Frequency compensated. Easy interfacing with all logic and linear devices. Very low noise.

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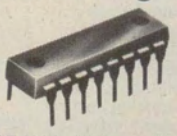

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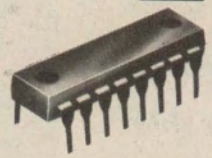
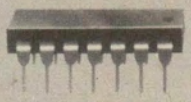
Versatile Sound Synthesizer

£1.99 NEW FOR 83 *Microprocessor Controllable*



SN94281. This 16-pin IC, a few parts and your imagination can create a variety of exciting sounds. Built-in 125 mW amp drives speaker. 7.5 to 10.5VDC single supply.
276-1767 ..... **£1.99**

Phase-Locked Loops



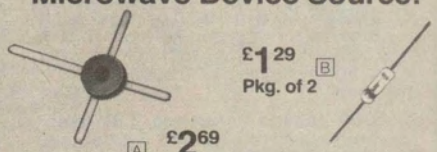
Low as **£1.59**

For Modems, SCA Adapters, AFSK and More

LM567. Tone detector. 0.01 Hz to 500 kHz. 4.75 to 9VDC. 8-pin.
276-1721 ..... **£1.79**

LM565. For FM, SCA and RTTY decoders, modems, freq. synthesizers, IR communicators. 14-pin.
276-1720 ..... **£1.59**

Tandy is Your Microwave Device Source!



£1.29 B Pkg. of 2

A **£2.69**

A **MRF-901.** Low-noise NPN for use to beyond 2000 MHz. Beamlead-style macro-X case. 300 mW.
276-2044 ..... **£2.69**

B **5082-2835.** Schottky barrier diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. **276-1124** ..... **Pkg. of 2/£1.29**

CdS Photocell

For Security, Counting, Even Model Railways! **99p**

Cadmium sulfide cell offers wide resistance range – approximately 3 megohms in darkness to 100 ohms in bright light. 200 milliwatts at 170V, max. ½x¼".
276-116 ..... **99p**

Bipolar and CMOS Timer ICs

Low as **89p**

Bipolar. Resettable time from one microsecond to one hour. Output will source or sink 200 milliamps. 4.5 to 16VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	89p
556 (Dual)	14-pin	276-1728	£1.19

CMOS. Replacements for 555 and 556 with very low power consumption (80 microamps per section). Will source or sink 100 milliamps.

Type	DIP	Cat.No.	Each
7555 (Single)	8-pin	276-1743	£1.79
7556 (Dual)	14-pin	276-1744	£2.49

Tandy® Optoelectronics—Illuminating Values!

T-1¾ (Jumbo) Diffused Lens

Fig.	Colour	Cat.No.	Pkg.of 2
A	Red	276-041	89p
A	Yellow	276-021	59p
A	Green	276-022	59p

T-1 (Miniature) Diffused Lens

Fig.	Colour	Cat.No.	Pkg.of 2
B	Red	276-026	99p
B	Yellow	276-031	59p
B	Green	276-037	59p

Rectangular LEDs.

Fig.	Colour	Cat.No.	Pkg.of 2
C	Red	276-070	69p
C	Yellow	276-072	79p
C	Green	276-071	79p
C	Orange	276-074	69p

Light It Up With LEDs

We Have a Colour, Size and Shape For Almost Every Application!

High-Brightness Fresnel Lens. Mount in 3/16" hole. 2V at 20 mA typ.

Fig.	Type	Colour	Cat.No.	Pkg.of 2
D	TLR-107	Red	276-033	69p
D	TLG-107	Green	276-034	69p

E Micromini Red Clear Lens. Type TLR-121. 10 mA—ideal for on-card monitoring.
276-032 ..... **Pkg.4/69p**

F Chrome LED Panel Lamp Holders. Accept standard T-1¾ LEDs. 3/32" mounting hole.
276-080 ..... **Pkg.2/79p**

LEDs With Chrome Holders. Mount in ¼" hole. Require approx. 2.0V.

Fig.	Colour	Cat.No.	Pkg.of 2
G	Red	276-068	99p
G	Green	276-069	£1.19
G	Yellow	276-073	£1.19

High-Brightness With Black Snap-In Holders. NEW! T-1¾ size. Mount instantly in 5/16" holes.

Fig.	Colour	Cat.No.	Pkg.of 2
H	Red	276-018	£1.19
H	Green	276-019	£1.29

Tri-Colour LED

£1.19 *Popular T-1¾ Size*

XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2V at 25 milliamps, typical.
276-035 ..... **£1.19**

Red Flasher LED

89p *TTL/CMOS Compatible*

FRL-4403. CMOS IC and high-brightness LED in one T-1¾ package. Rate 5Hz. 20 milliamps at 5VDC. **276-036** **89p**

8-Bit A to D Converter

ADC0804. Designed for use with any 8-bit microprocessor. Accurate to ± 1 LSB. Low-power MOS technology. Easy to use. 20-pin. Single 5V DC supply.
276-1792 ..... **£5.49**

ICL8069 Voltage Reference. 1.2V temp-compensated type for use with above. TO-52 case. **276-1793** **£1.89**

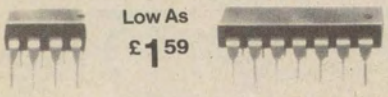
Low-Cost A to D Converter

£1.89

- *7-Bit Resolution*
- *Converts Up to 1000 Operations per Second*

TL507C. For 4 or 8-bit microprocessors. I^2L technology enables single supply operation—regulated 3.5- or unreg. 8-18VDC. 8-pin with data. **276-1789** **£1.89**

IF Amp, FM & Video ICs



Low As **£1.59**

MC1330 Video Detector. Used in many solid-state sets. Replaces 3rd IF. detector, video and AFC buffers. High linearity. Outputs. Wideband (to 8 MHz) video, AFT, narrow-band reverse video. 10-24VDC, 8-pin with specs.
276-1757 ..... **£1.99**

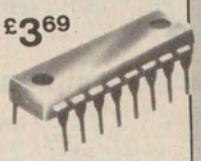
MC1350 Universal IF Amp With AGC. For radio and TV circuits. Usable DC to beyond 60 MHz. Typical gain at 45 MHz: 50 dB. AGC range: 60 dB min. 12VDC. 8-pin with specs.
276-1758 ..... **£1.59**

MC1358/CA3065 FM Detector. IF amp, limiter, FM detector, electronic volume attenuator and audio driver in a 14-pin. Use as TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs.
276-1759 ..... **£1.59**
10.7 MHz IF Filter.272-1301 ..... **2/89p**
455 Khz IF Filter.272-1302 ..... **2/69p**

D to A Converter

DAC 801. Produces varying output voltages, up to 20V peak-to-peak, with 8-bit input. Interfaces with all popular logic. Only 33 milliwatts at ± 5VDC. 16-pin with data.
276-1791 ..... **£3.69**

£3.69



Connect Micros to the Real World at Low Cost

1488 RS232 Quad Line Driver. Allows you to interface data terminal equipment with data communications devices. Can interconnect different logic families. Protected, current limited output. Will withstand accidental short to any conductor in interconnecting cable. Split supply, 15VDC maximum. 14-pin with data.
276-2520 ..... **£1.49**

1489 RS232 Quad Line Receiver. Use with above. Will perform logic level translation. Sections can be paralleled to obtain multiple outputs from one input. Input signal range ± 30V. Built-in input threshold hysteresis. Single supply, 10VDC maximum. 14-pin with data. **276-2521** **£1.49**

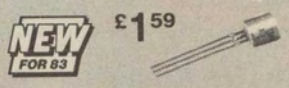
SN75446 Dual Peripheral Driver. Can take a logic-level signal and drive a relay, solenoid or other device directly, up to 350 milliamps, 50VDC. TTL/MOS compatible diode-clamped inputs. Very low input current. Single 5.5VDC supply. 8-pin with data. **276-2530** ... **£2.39**

Single-Supply UART

£4.95

AY-3-1015. NEW! Full-duplex universal transceiver accepts asynchronous serial binary characters and converts to a parallel format, and vice versa. Features user selectable baud rate, number of data bits per character, stop bits and parity mode. All inputs directly compatible with DTL, TTL and CMOS without need for interfacing components. Fully buffered outputs. Low power 4.75-5.25VDC. 40-pin with specs and data.
276-1794 ..... **£4.95**

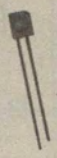
Light-Activated SCR



£1.59

MRD-920. Controls 120VAC loads, ideal for firing slave photostrobes. 200V, 300 mA.
276-1095 ..... **£1.59**

Fast PIN Photodiode



High Linearity **£1.19**

TIL413. Ideal for IR communications, even music! PRV: 30. Diss: 150 mW.
276-144 ..... **£1.19**

IR Phototransistor

89p *High-Speed NPN*

TIL414. For data links, switching in model railroads, more. 50 mW. T-1¾ case.
276-145 ..... **89p**

Emitter/Detector Pair

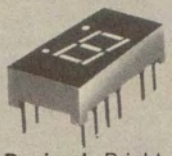
£1.39 Pair

LED source: 20 mA at 1.7VDC. Sensitive phototransistor detector.
276-142 ... **Pair £1.39**

LED Digital Displays

Low As **99p**

0.3" - High Numerals

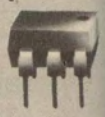


Left-Hand Decimal. Bright seven segment displays rated 1.7VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat.No.	Each
Anode	276-053	£1.69
Cathode	276-075	99p

IR Optocoupler

£1.89



High Isolation—1000V Minimum

MOC3010. LED input. Triac output controls 120VAC, 100 mA max. 6-pin. **276-134** **£1.89**

High-Output IR LED

Uses Only 20 mA at 1.3VDC **£1.19**

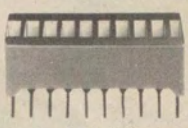
XC880-A. Emits as much energy as 3 regular IR LEDs! **276-143** **£1.19**

Phototransistor Bargain

59p

Silicon. Similar to FPT-100. Sensitive, TTL/DTL compatible.
276-130 ..... **59p**

LED Bar Graphs And Driver ICs



Low As **£2.99**

Fit 20-Pin DIP Sockets

MV58164. The convenient way to add metering to audio equipment and many other circuits! Ten high-efficiency yellow LED segments. Includes data.
276-082 ..... **£3.19**

MV57164. Above with efficient red display. **276-081** ... **£2.99**

LM3914N LED Display Driver. Ten adjustable analog steps, selectable bar or dot mode. Stackable to 100 steps. 8-25VDC. 18-pin. **276-1707** **£4.39**

LM3915N. As above, but with 3 dB log steps. **276-1708** .. **£4.39**

LM3916N. As above, but for VU metering. **276-1709** **£3.99**

FOR TIPS ON USING MANY OF THESE PRODUCTS, GET OUR ENGINEER'S NOTEBOOK SEE PAGE 78

Solid (State) Values – At Your Tandy Store

Rectifiers and Bridges for Power Supplies and Replacement use

Low as **59P** Pkg. of 2

A **Micromini 1-Amp Diodes.** 1N4000-series 30A surge.

Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
50	276-1101	59p
200	276-1102	59p
400	276-1103	69p
600	276-1104	69p

B **3-Amp "Barrel" Diodes.** 1N5400-series. 300A surge.

PIV	Cat. No.	Pkg. of 2
50	276-1141	79p
200	276-1143	79p
400	276-1144	89p

Type PTC205 2.5-Amp. 1000 PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just 1/4x3/16". **276-1114** ..... **Pkg. of 3 / 89p**

C **4-Amp Full-Wave Bridge Rectifiers.** Heavy Duty.

PIV	Cat. No.	Each
50	276-1146	£1.19
100	276-1171	£1.39
400	276-1173	£1.99

D **1-Amp 50 PIV Full-Wave Bridge Rectifier.** Rated 25A surge. For PC board or socket mounting. Two fit into a 14-pin DIP socket. **276-1161** **79p**

E **25-Amp 50 PIV Full-Wave Bridge Rectifier.** Heavy duty, ideal for battery chargers. 1/8" square metal case. **276-1185** **£1.89**

F **6-Amp 50 PIV Full Wave Bridge Rectifier.** Heavy-duty 9/16 x 9/16 x 3/16". **276-1180** **£1.89**

G **1.4-Amp Full Wave Bridge Rectifiers TO-5 cases.** 50 PIV. **276-1151** **£1.19**
100 PIV
276-1152 ..... **£1.19**

Voltage Regulator ICs

Low as **89P**

A **LM723.** Adjustable 0 to 40VDC. 150 milliamps maximum. 14-pin DIP. **276-1740** **89p**

B **LM317K.** Adjustable 1.2 to 37VDC output 1.5A maximum. TO-3 case. **276-1777** **£3.99**

C **LM317T.** Adjustable 1.2 to 37VDC output 1.5A maximum. TO-220 case. **276-1778** **£2.49**

LM337T. Negative companion of LM317T. Great for "split" supplies. **276-1779** **£2.69**

LM350T. Adjustable 1.2 to 37VDC output. 3A maximum. TO-220 case. **276-1776** **£5.89**

Fixed Voltage Regulators. Offer excellent ripple rejection. Overload protected with thermal shutdown. Max. input voltage. 35VDC output current up to 1A. TO-220 cases. Heat sink (276-1363 or similar) mounting required.

Type	Output VDC	Cat. No.	Each
7805	+5	276-1770	£1.49
7812	+12	276-1771	£1.49
7815	+15	276-1772	£1.49
7905	−5	276-1773	£1.49

1-Watt Zener Diodes

69P Pkg. of 2

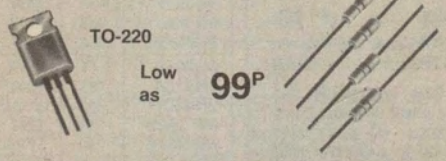
Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

Adjustable Zener Diode

£1.29

TL431. Will sink 1 to 100 milliamps. Operates over 2.5 to 36-volt range. Design into voltage monitors, over and under-voltage protectors, constant-current sinks, series regulators and more 8-pin DIP with data. **276-559** **£1.29**

SCRS and Triacs



TO-220

Low as **99P**

6-Amp SCRs. Ideal for motor control. TO-220 cases.
200v. 276-1067 ..... **99p**
400v. 276-1020 ..... **99p**

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. TO-220 cases.
400v. 276-1000 ..... **99p**

Small-Signal Diodes

• Pkg. of 10 **89P**

1N914/4148. Silicon switching diodes.
75PIV. 276-1122 ..... **Pkg. of 10 / 89p**

4K and 16K RAMS

Low As **£1.99** Pkg. of 4

- *Manufacturer's Prime*
- *Under 450 ns Access*

4116 16K Dynamic RAM. NEW LOW PRICE! 16,384 bits in 16-pin DIP. 250 ns access. 1 ms refresh. Requires +, −5, +12v DC supply. TTL compatible. **276-2505** **£4.99**

MCM6604A/804100L Dynamic RAM. 4096 bits in 16-pin DIP. 350 ns access. Requires +12, +5, −5VDC supply. TTL compatible. **276-7000** ..... **Pkg. of 4 / £1.99**

4000-Series CMOS 1Cs

Low as **99P**

- *With Pin-Out & Specs*
- *100% Prime "B" Series*

Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	£0.99
Quad 2-Input NAND Gate	4011	276-2411	£1.19
Dual Type D Flip Flop	4013	276-2413	£0.99
Decade Counter/Divider	4017	276-2417	£1.49
Inverting Hex Butter	4049	276-2449	£0.99
Non-Inverting Hex Butter	4050	276-2450	£0.99
Quad Bilateral Switch	4066	276-2466	£0.99
BCD to 7-Seg. Latch/Driver	4511	276-2447	£1.49

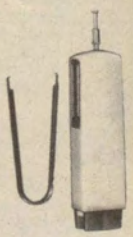
TTL/LS Digital ICs

Low as **69P**

- *5v DC*
- *With Pin-Out And Specs*

Description	Type	Cat. No.	Price
Quad 2-Input NAND Gate	7400	276-1801	£0.89
Quad 2-Input AND Gate	7408	276-1822	£0.69
Quad 2-Input OR Gate	74LS32	276-1915	£0.89
BCD to-7-Seg. Decdr/Drvr.	7447	276-1805	£1.39
Decode Up/Down Counter	74192	276-1831	£1.29
4 Line to 16 Line Decoder	74154	276-1834	£1.79
Hex Buffer (3-State)	74LS367	276-1835	£1.19
Quad 2-Input NOR Gate	74LS02	276-1902	£0.69
HEX Inverter	74LS04	276-1904	£0.69
Quad 2-Input OR Gate	74LS32	276-1915	£0.89
Decoder Counter	747L90	276-1923	£0.99

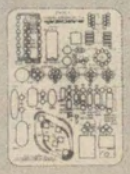
Inserter/Extractor Set



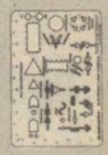
The Safe Way to Handle 8 to 24-pin DIP ICs **£4.99**

Handy tools help you remove or install DIPs without bending pins. Insertion tool has built in pin straightener. Both tools groundable to protect static-sensitive MOS devices.
276-1574 ..... **Set / £4.99**

Here's the Easy, Exact Way to Draw Schematics and Lay Out PC Boards



£1.99 Each



A **PC Board Layout Template.** Durable transparent guide with exact size cut-outs for all common PC components. Just mark boards for properly spaced holes and drill – your finished work will have that "pro" look. **276-179** **£1.99**

B **Circuit Symbols Template.** A "must" for electronic students, teachers and designers. Durable see-through "stencil" has the latest component and logic symbols, plus two rules. Makes it easy to draw "book-quality" schematics and flow charts. **276-180** **£1.99**

Archer™ Transisters Replace Most Types at Low Cost

"Must Have" Books for Project Builders And Technicians

NEW FOR 83

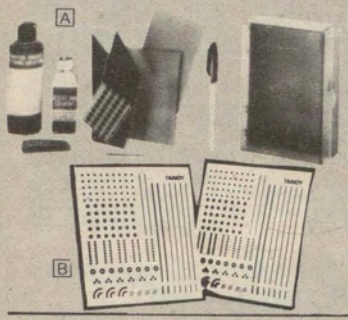
Low As £1.99

SOLD ONLY AT TANDY

A **Semiconductor Reference Guide.** Exclusive cross reference/substitution section lists over 80,000 types and their low-cost Tandy equivalents! Also provides detailed data on Tandy ICs, SCRs, LEDs, diodes and opto devices, helpful replacement tips, illustrated. Over 250 information packed pages. **276-4006** **£3.49**

B **Engineer's Notebook II.** By Forrest Mims III. The original edition was the most popular IC "builders guide" of all time – over 300,000 copies in print! One third of the book is revised to give you even more practical circuits and data on Tandy's linear and digital ICs. Large, easy-to-follow schematic diagrams. Valuable tips for beginners too. 128 pages. **276-5002** **£1.99**

Making Your Own PC Boards is Easy and Fun



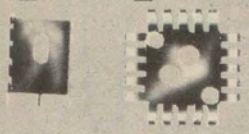
A **PC Board Kit.** Two 4½x3" boards resist-ink pen and solvent, etchant, layout strips and circles, tank. 1/16" drill bit, instructions. **276-1576** **£7.49**

Extra Pen. 276-1530 ..... **£1.29p**

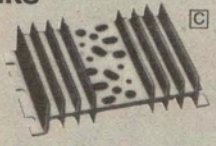
Extra Etching Solution. 16 oz. in plastic bottle. **276-1535** **£2.59**

B **Direct-Etch Dry Transfers.** So easy! Five transparent sheets have rub-on circles, strips, IC pads and more. Just press on to a copper clad PC board and you're ready to etch - with "pro-quality" results! **64-9030** ..... **Set of 5/£1.75**

Protective Heat Sinks



Low As **69p**



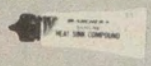
A **TO-220 Heat Sink.** Anodized aluminium. Ideal for PC board-mounted power devices in TO-220 cases. **276-1363** **69p**

B **TO-3 Heat Sink.** For power semiconductors in TO-3 cases. **276-1364** **£1.29**

C **Universal.** Mounts two devices, accepts nine different case styles. **276-1361** **£2.89**

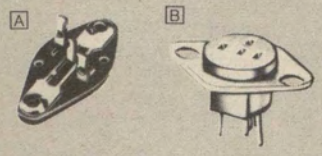
Heat Sink Grease

99p

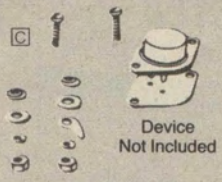


Silicone compound ensures proper heat transfer to sink or chassis. 276-1372 ..... **99p**

Transistor Sockets and Mounting Hardware



Low As **59p**



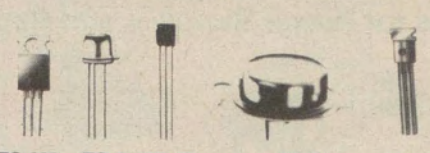
Device Not Included

A **TO-3 Sockets.** Fro transistors, regulators and other devices in TO-3 cases. **276-029** ..... **Pkg. of 2 / 79p**

B **Transistor Sockets.** Accept devices with inline or triangle contact pattern, small crystals, too! **276-548** ..... **Pkg. of 6 / 99p**

C **Mounting Hardware Sets.** For power transistors and other semiconductors. Include screws, insulating washers, solder lug and bushings. For TO-3 cases. **276-1371** ..... **Set / 59p**
For TO-220 cases. 276-1373 ..... **Set / 59p**

Tandy Has Replacements For Over 60,000 Types of Transistors!



- *Top Quality at Low Prices*
- *Data and Pin-Out Included*

See Semiconductor Reference Guide (Left) for Complete Cross-Reference

Direct Commercial Eqivalent	Replaces GE Type GE–	Sylvania Type ECG–	RCA Type SK–	Pol	Use	Diss.	Case	Cat. No.	Each
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	99p
MPS222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	59p
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	59p
MPS918	11	107	3018	NPN	RF/IF	200mW	TO-92	276-2011	59p
MPS3704	20	123A	3122	NPN	GP	360mW	TO-92	276-2014	59p
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	59p
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	89p
TIP29	23	175	3026	NPN	P	40W	TO-220	276-2018	89p
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	£1.29
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	59p
MPS3702	84	159	3025	PNP	GP	360mW	TO-92	276-2024	69p
TIP32	69	159	3083	PNP	P	40W	TO-220	276-2025	89p
MJE34	34	197	3084	PNP	P	90W	TO-220	276-2027	£1.29
2N3053	241	128	3024	NPN	P	1W	TO-92+	276-2030	89p
MPS3906	82	159	3025	PNP	SW	350mW	TO-92	276-2034	59p
2N3866	277	311	3195	NPN	RFP	5W	TO-39	276-2038	£1.49
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	99p
TIP125	—	262	—	PNP-D	HG	65W	TO-220	276-2069	99p
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	£1.19
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	£1.49
2N4124	20	123AP	3444	NPN	GP	350mW	TO-92	276-2057	49p
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	49p
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	49p
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	49p
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	49p
MU4891	—	—	—	Unijunction		360mW	TO-55	276-2029	£1.19

Japanese Replacement Transistors

Type	Polarity	Use	Diss.	Case	Cat. No.	Each
2SD313	NPN	AP	30W	TO-220	276-2048	£1.29
2SC945	NPN	GP	250mW	TO-92	276-2051	49p
2SC1096	NPN	AP	10W	TO-220	276-2052	89p
2SC1909	NPN	RFP	10W	TO-220	276-2054	£1.29
2SC1308	NPN	TV-H	—	TO-3	276-2055	£4.99

N-Channel Field-Effect Transistors (FETs)

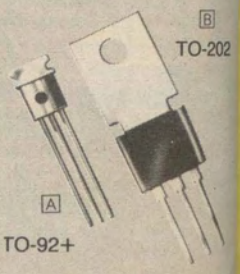
Direct Commercial Equivalent	Use	Diss.	gfs min/max umhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	79p
2N3823	200 Mhz RF	300mW	3.5/6/5	TO-72	276-2036	£1.29
MPF102	VHF Amp. Mixer	310mW	—	TO-92	276-2062	59p

★ In Most Circuits
AP = Audio Power Amp
D = Darlington
G = Germanium
GP = Gen. Purpose
HG = High Gain
HV = High Voltage
LL = Low Level
P = Audio Power Amp Switch
RFP = RF Power
SW = Switch
TV-H = TV Horizontal Output
NOTE: Parameters are at 25°C

Versatile VMOS Power FETs

You'll Be Impressed With The Performance of These Devices!

Low As **£1.19**



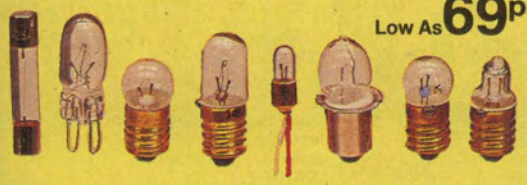
A **VN10KM.** Great for driving relays, solenoids and IR LEDs, use in power converters, current regulators, switching power supplies, logic interfacing. Max. "on" resistance only 5 ohms! High-Z inut. 1W diss. **276-2070** **£1.19**

B **VN67AF.** Many switching and amplifying uses – even RF linear amps to 150 MHz. Max "on" resistance 5 ohms. 60W diss. **276-2071** **£1.79**

Bulbs, Panel Lamps, Mike Elements, Battery Holders

Long-Life Incandescent Lamps

Low As **69p**



Wide selection for most replacement and project needs.

Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	69
2.25	250	222*	Threaded	272-1124	2	69
2.33	270	PR-4	Flange	272-1122	2	69
2.38	500	PR-2	Flange	272-1120	2	69
2.47	300	14	Threaded	272-1132	2	69
3.57	500	PR-3	Flange	272-1121	2	69
4.75	500	PR-13	Flange	272-1151	2	69
5.95	500	PR-12	Flange	272-1123	2	69
6.0	25	—	Leads	272-1140	1	69
6.0	100	T-1¾	Threaded	272-1142	2	69
6.3	150	40	Threaded	272-1128	2	69
6.3	250	46	Threaded	272-1130	2	69
7.5	220	50	Threaded	272-1133	2	69
8.0	300	T-3	End Cap	272-1136	2	79
12.0	75	T-1¾	Threaded	272-1143	2	69
12.0	25	—	Leads	272-1141	1	69
12.0	250	T-3	End Cap	272-1137	2	79
14.0	200	1487	Threaded	272-1134	2	69
14.0	200	52	Threaded	272-1127	2	69

* Pre-Focus Penlight Type + High-Intensity

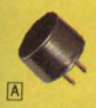
Neon Lamps

* High Brightness

Operate from 70 volts and up. Use dropping resistor value from chart for 240v mains use.

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	1/25	220k	272-1101	59p
NE-2H*	1/4	120k	272-1102	59p

Microphone Elements



A

NEW FOR 83

Low As **79p**

For Projects, Replacement

B

NEW FOR 83

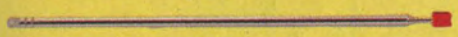
C

A **PC Board-Mount Electret.** Omnidirectional. Operates from 2-10v DC with very low current drain, 1 milliamp max. 20 to 15 kHz ± 4 dB. 9.4 mm dia. 6.6 mm high. **270-090** **79p**

B **Omnidirectional Electret.** Crisp 30 to 15,000 Hz response. 4-10v DC. 7/16 x 3/8" dia. With leads. **270-092** . **£1.29**

C **Crystal Element.** High impedance. Excellent for replacement. **270-088** **99p**

Universal Replacement Antenna Rod



£1.69

Will replace almost any broken or damaged telescoping antenna rod, including swivel types. Five sections, extends from 7¾" to 30½". Mounting flange. Red plastic tip for safety.

NEW FOR 83

270-1401 ..... **£1.69**

9V Battery Snaps

79p **Pkg. of 5**

For projects, replacement or use with holders. **270-325** **5/79p**

Panel Lamps and Assemblies

Low As **79p**

A **Sealed Panel Lamps.** One red, one green. With connecting leads, mounting clips. 7/8" long, mount in 3/8" holes. 12v DC, 50 mA. **272-322** ..... **Pkg. of 2/£1.29**

B **Conical Lamp Assemblies.** One red, one blue. T-1¾ submini bulbs required. 1⅜" long mount in ½" holes. **272-323** ..... **Pkg. of 2/89p**

C **"Mini" Panel Lamp Assemblies.** One lamp holder with one red and one green lens. Miniature-base lamps required. Length: 1 3/16". 5/8" mounting holes.
For Screw Base Lamps. 272-324 ..... **89p**
For Bayonet-Base Lamps. 272-325 ..... **79p**
Like 272-324, Two Assemblies. 3/8 x 1 1/16". **272-326** ..... **Pkg. of 2/99p**

D **Neon Panel Lamp Assemblies.** One green, one amber. Built-in dropping resistors, fully enclosed. Requires 9/32" mounting hole. With 3" leads. For 240VAC. **272-707** ..... **Pkg. of 2/£1.29**

E **Neon Panel Lamp Assemblies.** One red, one yellow. With internal resistors, fully enclosed. 3/8 x 1 1/8". Requires 5/16" mounting hole. For 240VAC **272-703** ..... **Pkg. of 2/£1.39**

F **Neon Panel Lamp Assemblies.** One red, one green. Built-in dropping resistors. With leads. For 5/16" mounting holes. For 240VAC. **272-708** ..... **Pkg. of 2/£1.19**

G **Push-In Neon Panel Lamp Assemblies.** One red, one green. Built-in dropping resistors for 240V AC use. Require 7/16" mounting holes. Solder lugs. **272-709** ..... **Pkg. of 2/£1.19**

H **Neon Panel Lamp Assemblies.** Set of two: one red, one yellow. Built-in resistors, fully enclosed. Require 7/16" mounting holes. For 240V AC.
Square Lens. 272-704 ..... **Pkg. of 2/£1.19**
Round Lens. 272-705 ..... **Pkg. of 2/£1.19**

I **Red Neon Lamp.** Requires 5/16" mounting hole. 1⅜ x 9/32". Leads and mounting clip included. For 240VAC. **272-1501** **79p**

J **High-Brightness Neon Panel Lamp.** Bright red rectangular lamp includes dropping resistor for 240VAC. Requires 9/16" diameter mounting hole. **272-706** **£1.49**

K **High-Brightness 12v Lamp Assemblies.** One red, one green. Solder terminals. Requires 9/32" mounting hole (metal panel suggested). Includes bulbs. **272-331** ..... **Pkg. of 2/99p**

L **"Micro" 12v Lamp Assemblies.** One red, one green. With leads. 12v at 60 mA. Require 7/32" mounting holes, metal panel recommended. **272-334** ..... **Pkg. of 2/99p**

M **12v Snap-In Lamp Assemblies.** One red, one green. Mounting tabs for ½" diameter hole. Long 4" leads. Bulbs included. **272-332** ..... **Pkg. of 2/£1.19**
As Above, But With One Amber, One Blue Lens. 272-335 ..... **Pkg. of 2/£1.19**

Plastic Battery Holders

Low As **39p**

NEW FOR 83

Series wiring. Output leads, except †, which have snap connector.

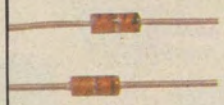
Fig.	Cat. No.	Holds	Each
-	270-382†	2 "AA"	49p
A	270-383†	4 "AA"	49p
B	270-388†	4 "AA"	49p
C	270-391†	4 "AA"	39p
-	270-384†	6 "AA"	49p
-	270-387†	8 "AA"	69p
-	270-395†	10 "AA"	59p
-	-	-	-

Fig.	Cat. No.	Holds	Each
-	270-385	2 "C"	49p
-	270-390	4 "C"	79p
-	270-386	2 "D"	59p
D	270-396	4 "D"	69p
E	270-389	4 "D"	99p
-	270-401	1 "AA"	29p
-	270-402	1 "C"	39p
-	270-403	1 "D"	49p

Look! More Bargains for Building, Testing and Safety

From The Archer™ Top Value Parts Pack Range

- **Quantities and types may vary slightly to descriptions.**
- **These products are NOT suitable for industrial applications**
- **Archer Pack parts can not be 100% guaranteed.**
- **Archer Pack parts may be supplied without connection diagram.**



50 Silicon/ Switching Diodes

Type 1N914. Switching time as low as 4 ns. PRV:90v, VF 1.0. With long axial leads. **276-1620** **£1.89**

Electrolytic Capacitors

Assorted pack of 20 minis and subminis. 0.1 μF - to 47μF. 50WVDC. **272-802** **£1.89**

15 2N2222 NPN Transistors

General-purpose amplifier, high-speed, medium power switch. Diss: 600mW. Ic 800 mA. Typical h_{FE}50. **276-1617** **£1.89**

10 Assorted Voltage Regulators

May include adjustable or fixed (5-24v) types LM-309K, 723, 340, 7800s and UA78MG, UA79MG. Styles may vary. **276-1608** **£1.79**

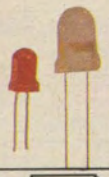
25 Assorted Zener Diodes

Ratings from 2.8 to 120v; 250 mW to 5 watts. May include double anode types. **276-1629** **£1.89**

12 Potentiometers And Trimmers

Assorted values, styles. Nylon cases. May include wire-wounds, multi-turns. **271-1605** **£1.59**

20 Assorted LEDs

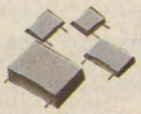


May include types MV-5054, MV-50, RL-209 in red, green, amber, infrared emitting and battery indicators. **276-1622** **£1.89**

15 All-Purpose Transistors

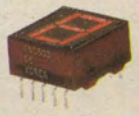
2N3904. Popular NPN small-signal type for amplifying and switching. Diss: 300mW. Vcbo 40v. Typical Hfe 50. TO-92 case. **276-1603** **£1.79**

25 Polyester Capacitors



Lead spacing in-.100" multiples for microperf-board mounting. **272-803** **£1.89**

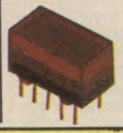
Pair of LED Digits



Seven-segment 0.5" red displays. Common cathode. 1.75v at 20 milliamps per segment typical. **276-1647** .... **Pair £1.82**

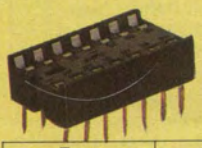
2 LED Displays

NEW FOR 83



FND349. High-brightness, 7-segment, displays with 0.361" digits. Common cathode. Right decimal, 1.7v DC at 20 mA per seg. typical. **276-1650** **£1.79**

Low-Profile DIP Sockets



Low as **69p**

Quality non-wicking sockets for PC use. Low-resistance contacts.

Type	Cat. No.	Price
8-Pin	276-1995	2/69p
14-Pin	276-1999	2/79p
16-Pin	276-1998	2/79p
28-Pin	276-1997	69p Each
40-Pin	276-1996	79p Each

16-Pin DIP Jumper

£3.29

Two 16-pin DIP plugs connected by an 18" long colour-coded ribbon cable. **276-1976** **£3.29**

Miniature 12VDC Buzzer

£1.99

Small enough to hide, loud enough to demand attention! 1 1/16" mounting centres. With leads. **273-055** **£1.99**

Versatile 12VDC Solenoid

NEW FOR 83

£3.19

"C-frame"-type with continuous duty capability. Plunger will pull in 1/8" and hold up to 1/4 pound. Spring return. Ideally suited for robotics, model railroad use, opening value, door latches and more. Coil: 31 ohms, 430 milliamps at 12v DC, 1 1/8 x 1 1/16 x 1/16". **273-251** **£3.19**

Super-Loud Piezo Buzzers

Low as **£1.19**

A **PC Board-Mount Piezo Buzzer.** NEW! Perfect for projects, security, replacement in or enhancement of clock radios, smoke detectors and more. Requires 3.0-20v DC. 12mA at 12v DC. 17.5 x 4.5mm dia. **273-065** **£1.49**

B **Piezo Buzzer With Leads.** Really gets attention! Piercing 4.8 kHz signal 1.5 to 20v DC. Ideal for battery-powered circuits - draws just 12mA at 9v. 1 3/8 x 3/8". **273-060** **£2.19**

C **Piezo Element.** Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 1 1/8" mtg. ctrs. With data. **273-064** **£1.19**

Continuity Tester

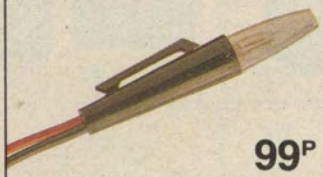
NEW FOR 83

£3.69

Doubles as a Light-Duty Screwdriver

Helps spot broken wiring, burned out incandescent bulbs and more. Cord has small "gator clip". Includes replaceable 222 bulb. Requires "AAA" battery (not incl.). NOT FOR USE IN LIVE CIRCUITS. **22-4035** **£3.69**

Pocket-Size AC/DC High-Voltage Tester

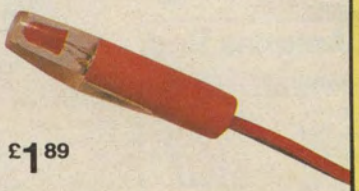


99p

90 to 500 Volts

For quick checks on house wiring, electrical and electronic devices. Neon bulb glows to indicate live circuit. Handy pocket clip. **272-201** **99p**

Low-Voltage AC/DC Quick Tester

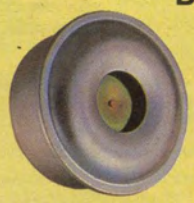


£1.89

- *Indicates DC Polarity*

5 to 50 volts. Ideal for checking automotive wiring, battery-operated devices. Indicates DC polarity. LED glows on live circuit. **272-202** **£1.89**

DC Buzzers

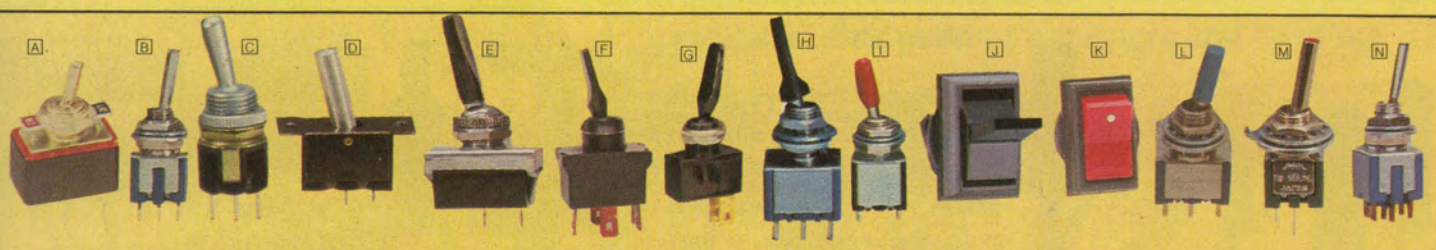


Low as **99p**

Super loud, with low current drain-ideal for battery powered security and warning circuits. Round metal cases. With leads.

VDC	Cat. No.	Each
1.5-3	273-004	£1.19
6	273-049	£1.69
9	273-052	£0.99
12	273-051	£1.39

Tandy's Big Selection of Reliable Switches



A **Standard Toggles.** 1.5A 240VAC. Solder lugs. With on/off label plates. Body: 1½ x 9/16 x 1". Require 7/16" mounting holes.
SPST. 275-602 ..... **69p**
SPDT. 275-666 ..... **89p**
Set. One DPDT. Two SPST
275-322 ..... **£1.99**

B **Submini Toggles.** 1.5A at 240VAC. Solder lugs. Body: ⅜ x ¼ x ⅜". ¼" mounting holes.
SPST. 275-612 ..... **£1.19**
SPDT. 275-613 ..... **£1.19**
DPDT. 275-614 ..... **£1.19**
DPDT Centre Off. 275-620 ..... **£1.49**

C **SPDT Mini-Toggle.** 2.5A at 240VAC. Solder lugs. Body: ⅝ x ⅜". Requires 7/16" mounting hole. **275-603** **£1.29**

D **¾" Brushed Aluminium Baton.** 1.5A at 240VAC. Flush mount. Solder lugs. 15/16 x ⅝ x 9/16".
SPST. 275-630 ..... **£1.39**
DPDT. As above, but rated 5 amps at 240VAC. **275-607** **£1.39**

E **Heavy-Duty With 1 x ⅜" Lever.** 6A at 250VAC. 15/18 x ⅝". 7/16" mounting holes.
SPST. 275-651 ..... **£1.39**
SPDT. 275-654 ..... **£1.59**
DPDT. 275-652 ..... **£1.89**
DPDT. Centre-Off. 275-653 ..... **£1.99**

F **20-Amp Lever Switches.** 20A at 12VDC. Accepts quick-disconnect spades. Body: 2 15/16 x 1 x ½". 7/16" mounting hole.
SPST. 275-708 ..... **99p**
DPDT. Momentary, with spring return to centre-off. **275-709** **£1.79**

G **Standard Automotive SPST.** 5A at 12V DC. 7/16" mounting hole.
275-701 ..... **69p**

H **Mini Toggles 3A at 240VAC.** Body: 1⅜x ½ x ¼" mounting hole.
SPDT. 275-662 ..... **£1.59**
DPDT. 275-663 ..... **£1.89**
DPDT. Centre Off 275-664 ..... **£1.99**
3PDT. 275-661 ..... **£1.69**

I **Submini Toggles.** 5A at 240VAC. Each includes four coloured handle covers. Solder lugs, ½ x 7/16 x ½". ¼" mounting holes.
SPST. 275-324 ..... **£1.19**
SPDT. 275-326 ..... **£1.49**
SPDT Centre-Off. 275-325 ..... **£1.49**
DPDT. 275-1546 ..... **£1.69**
DPDT Centre-Off. 275-1545 ..... **£1.89**

J **Paddle Switches.** 3A at 240VAC. Solder lugs. 1 3/16 x ¾ x 1⅜". ¾" mounting holes.
DPDT. 275-643 ..... **£1.49**

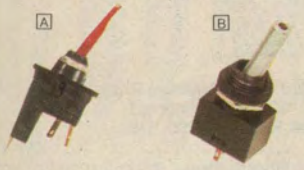
K **Rocker Switches.** 3A at 240VAC. Solder lugs. 1 3/16 x ¾ x 1⅜". ¾" mounting holes.
SPST. 275-690 ..... **89p**
DPDT. 275-691 ..... **£1.39**

L **SPDT Momentary.** 3A at 240VAC. Spring return to one position. Solder lugs. Body: 1 15/16 x ½ x 5/16". ¼" mounting hole.
275-619 ..... **£1.39**

M **Micromini Toggles.** 1.5A at 240VAC. Body: ¼ x 5/16 x 3/16". ⅜" mounting holes. Solder lugs.
SPST. 275-624 ..... **89p**
SPDT. 275-625 ..... **89p**
DPDT. 275-626 ..... **£1.19**

N **Flatted Lever Switches.** 3A at 240VAC. Body: ⅜x 7/16 x ¼". ¼" mounting holes.
SPDT. 275-635 ..... **£1.29**
DPDT. 275-636 ..... **£1.59**
DPDT. Momentary. Spring return to centre-off. **275-637** **£1.59**

Illuminated Switches



A **12-Volt SPST Toggle.** Handle lights when on. 3A, 12VDC only. 1⅜ x 1¼ ⅝". 7/16" mounting hole. **275-706** **£1.29**

B **SPST Toggle With LED Indicator.** 5A 12VDC use only. ¾ x ¾ x ½". 7/16" mounting hole. **275-680** **£1.69**

Pushbutton Switches

• *For Every Application*

Low as **69P**

A **Miniature SPDT Push-On/Push-Off.** 1.5 at 240VAC. ¾ x ⅜ x ⅜". 5/16" mounting hole. Solder lug terminals. **275-1555** **99p**

B **Mini SPST Momentary Contact.** 0.25A at 240VAC ⅜" button. ¼" mounting holes. Solder lugs. Set of 5.
Normally Open. 275-1547 ..... **Pkg. of 5/£1.59**
Normally Closed. 275-1548 ..... **Pkg. of 5/£1.99**

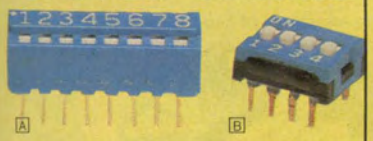
C **Stranded SPST Push-On/Push-Off.** 3A at 250VAC. ½ mounting hole. Solder lugs. **275-011** **99p**
Momentary. Normally open. One black and one red.
275-609 ..... **Set of 2/£1.29**

D **Square SPST Push-On/Push-Off.** 3A at 250VAC. 1½ x ½ x ½". Requires ½" mounting hole. Solder lug terminals.
275-617 ..... **79p**
Square SPST Momentary. Normally open. Black.
275-618 ..... **69p**

E **Rectangular "Soft-Feel" Push-On/Push-Off.** 1.5A at 240VAC. 1 x ¾ x 9/16". ⅜" mounting hole. Solder lugs.
SPST. 275-1565 ..... **79p**
SPST Momentary. 275-1566 ..... **79p**

F **Mini SPDT Momentary.** 3A at 240VAC. Normally open. 1 7/16 x 7/16 x 7/16". ¼" mounting hole. Solder lugs. **275-1549** **£1.69**

SPST DIP Switches

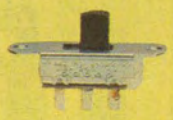


For digital or low current applications. Mount in DIP sockets or on PC boards.

A **8-Position.** Fits 16-pin DIP socket.
275-1301 ..... **£1.59**

B **4-Position.** Fits 8-pin DIP socket.
275-1304 ..... **99p**

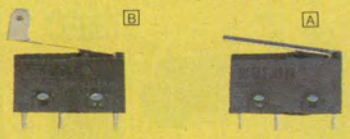
Slide Switches



A **Heavy-Duty.** 1.5A at 240VAC. 1 x 1⅜ x ⅝". Solder-lug terminals. Packages of two.
SPST. 275-401 ..... **Pkg. of 2/89p**
DPDT. 275-403 ..... **Pkg. of 2/99p**

B **Slide Switch Kit.** 0.25A at 240VAC. One each: SPDT, DPST, DPDT. Three SPST. ½ x ⅞ x 1¼".
275-327 ..... **Set of 6/£1.19**

Lever Switches



A **Submini With Roller Lever.** Operating force: 50 grams. 5A at 250VAC. ¾ x ¼ x ⅜". ¾" lever. **275-017** **99p**

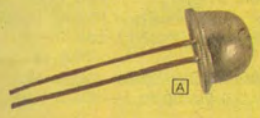
B **Submini With ¾" Lever.** Operating force: 45 grams. 5A at 250VAC. ¾x¼x⅜". Solder lugs. **275-016** **89p**

Rotary Switches

0.15 Amp at 240VAC

4-Pole, 2-Position. Single deck, shorting type 2" shaft, ¼" diameter. **275-1384** **69p**
2-Pole, 6-Position. Single deck, non-shorting type, ¼" diameter shaft. **275-1386** **69p**
1-Pole, 12-Position. Shorting type ¼" diameter shaft. 1⅜" long. **275-1385** **69p**
4-Pole, 3-Position. Shorting. Requires ¾" mounting hole. **275-9451** **89p**
2-Pole, 6-Position. Shorting, 1½" shaft, ¼" diameter. **275-9452** **89p**

Mercury Switches



A **Submini Position-Detecting Switch.** Rated 100 milliamps at 24VDC. Ideal for use in alarms and low-power circuits. **275-025** **69p**

Submini Slide Switches

With Mounting Screws

Rated .15A at 240VAC. ⅝ x ¼ x ¼".
SPST. 275-406 ..... **Pkg. of 2/59p**
DPDT. 275-407 ..... **Pkg. of 2/59p**

Bracket, Label Plates

A **Auto Switch Bracket.** For underdash mounting. Accepts two switches with 7/16" diameter bushings. **275-705** **49p**

B **On/Off Switch Label Plates.** For toggles with 15/32" diameter bushings. Key tab in ID.
275-320 ..... **Pkg. of 6/49p**

Lock Type Push Switches

A **0.2A at 250VAC, 1A at 50VDC.** Feature solder lugs and contacts for PC pins. Moulded housing for easy maintenance. Two changeable.
275-9401 ..... **79p**

B Four changeable.
275-9402 ..... **99p**

Jacks and Plugs for Your Video and Audio Needs

Plug and Jack Sets

A **¼" Standard.** Phone plugs, inline jacks. One set red, one set black. Screw terminals.
274-1241 ..... **Pkg. of 2 Sets/£1.59**

B **⅛" Miniature.** One black and one red set of two phone plugs, two inline jacks.
274-283 ..... **Pkg. of 2 Sets/£1.19**

C **3-Conductor Plug, Jack.** ¼" open circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware.
274-323 ..... **Set/£1.19**

D **⅛" Miniature.** Set of two shielded phone plugs, closed circuit jacks. All-metal plug prevents hum pickup.
274-336 ..... **Pkg. of 2 Sets/£1.19**

E **Shielded Phono Plugs, Jacks.** Two sets of phono plugs and jacks for audio/video connections. **274-334** . **Pkg. of 2 sets/£1.19**

F **Phono Plug and Jack Sets.** For use with phonos, amplifiers, tuners, hi-fi equipment.
274-1575 ..... **Pkg. of 8/£1.29**

Quality Phono Jacks

A **Shielded Phono Jack.** Fits ¼" mounting hole. Solder lug terminals.
274-346 ..... **Pkg. of 4/£1.19**

B **Plastic Inline Phono Jack.** Hex-shape. Strain relief, screw together plastic housing. **274-337** ..... **Pkg. of 4/69p**

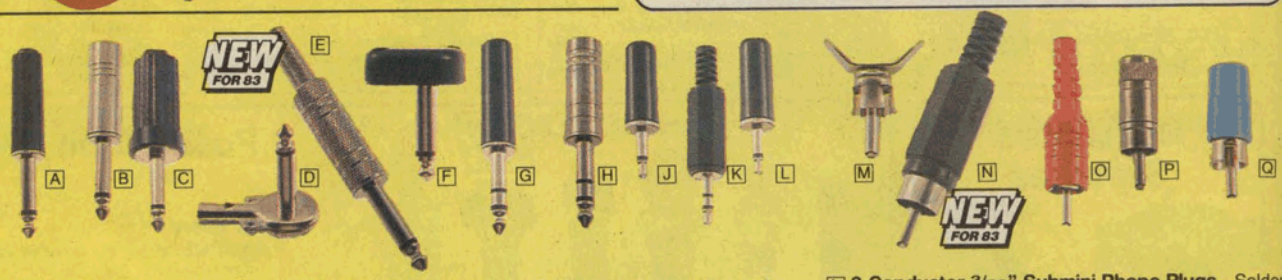
C **Shielded Inline Phono Jack.** Solder lugs. Metal construction prevents hum. **274-338** ..... **Pkg. of 2/69p**

D **Dual Phono Jack.** Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. Phenolic construction.
274-332 ..... **Pkg. of 2/69p**

E **Quad Phono Jack.** Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. **274-322** **69p**

F **Octal Phono Jack.** Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. **274-370** **79p**

Phone And Phono Plugs



A **2-Conductor ¼" Phone Plugs.** Long slim type with ½" diameter black bakelite barrel.
274-1536 ..... **Pkg. of 2/99p**

B **2-Conductor ¼" Phone Plugs.** Shielded to minimize hum. Slim type with ½" diameter metal barrel.
274-1544 ..... **Pkg. of 2/£1.49**

C **2-Conductor ¼" Phone Plugs.** Ribbed plastic ¾" diameter barrel for "sure" grip.
274-1539 ..... **Pkg. of 2/£1.29**

D **2-Conductor ¼" Phone Plugs.** All-metal shielded flat right-angle type. For "tight" spaces.
274-254 ..... **Pkg. of 2/89p**

E **2-Conductor ¼" Phone Plug.** Heavy-duty shielded. For "pro" audio applications. Spring strain relief.
274-1545 ..... **99p**

F **Right Angle ¼" Plug.** 2-Conductor. Black shell. Screw type terminals. **274-256** **89p**

G **3-Conductor ¼" Phone Plugs.** Slim line. Black bakelite barrel. For push-to-talk mikes, stereo phones.
274-139 ..... **Pkg. of 2/89p**

H **3-Conductor Phone Plug.** Shielded all-metal type. 1⅝" length barrel. Nickel plated. Solder lug terminals.
274-285 ..... **99p**

J **2-Conductor ⅛" Miniature Phone Plugs.** Solder lug terminals. 1⅝" long.
Black. 274-286 ..... **Pkg. of 2/69p**
Red. 274-287 ..... **Pkg. of 2/69p**
Shielded. 274-288 ..... **Pkg. of 2/89p**

K **3-Conductor ⅛" Mini Phone Plugs.** Solder lug connections. **274-284** ..... **Pkg. of 2/99p**

L **2-Conductor 3/32" Submini Phone Plugs.** Solder lug terminals. 15/16" long. Sets of 2.
Black, 274-289. Red, 274-290. Tan, 274-291 ..... **Pkg. 2/59p**

M **Finger-Grip Phono Plugs.** Wing-tip construction.
274-343 ..... **Pkg. of 10/£1.59**

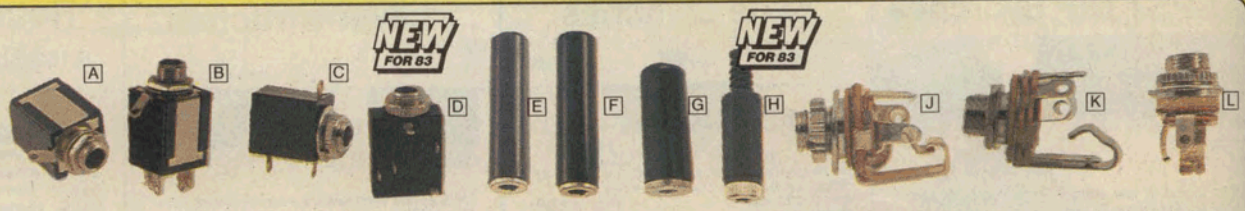
N **Plastic Phono Plugs.** Mate with any phono jacks. Screw-together plastic housing. **274-319** . **Pkg. of 4/69p**

O **Phono Plugs.** Three black, three red. Plastic sleeving prevents shorts. **274-451** ..... **Pkg. of 6/89p**

P **Shielded Phono Plugs.** For easy soldering. Mates with all RCA-type phono jacks. **274-339** .. **Pkg. of 2/69p**

Q **Colour-Coded Phone Plugs.** Plastic insulated covers. Cable clamp for strong connection. Assorted colours. **274-321** ..... **Pkg. of 8/99p**

Phone Jacks For All Applications



A **Enclosed ¼" Jacks.** Accepts standard ¼" phone plugs. Solder lug terminals for positive connections. Versatile panel for PC mounting. All include mounting hardware for easy installation.
2-Conductor, Open Circuit. 274-280 ..... **59p**
3-Conductor, Open Circuit. 274-282 ..... **59p**

B **Enclosed ¼" Stereo Phone Jack.** Three conductor. Double closed circuit. Positive connection. With schematic, hardware. **274-277** **69p**

C **Enclosed ⅛" Miniature Phone Jacks.**
Closed Circuit. 274-296 ..... **Pkg. of 2/59p**
Open Circuit. 274-297 ..... **Pkg. of 2/59p**

D **3-Conductor ⅛" Miniature Phone Jacks.**
Closed Circuit. 274-250 ..... **Pkg. of 2/£1.19**
Open Circuit. 274-249 ..... **Pkg. of 2/£1.19**

E **Mono Inline ¼" Phone Jacks.** Durable black plastic shell. Accepts standard ¼" phone plug.
274-340 ..... **Pkg. of 2/£1.29**

F **Stereo Inline ¼" Phone Jacks.** Slim black 3-conductor jack mates with any 3-conductor stereo phone plug. solder lug terminals. **274-141** ..... **Pkg. of 2/£1.19**

G **2-Conductor ⅛" Inline Jacks.** Accepts ⅛" mini phone plugs. Easy to install. Strong, positive connection. Ideal for making speaker and earphone extensions.
274-333 ..... **Pkg. of 2/59p**

H **3-Conductor ⅛" Inline Jacks.** Use to make headphone extension cords for personal portables. Strain relief shell. **274-274** ..... **Pkg. of 2/99p**

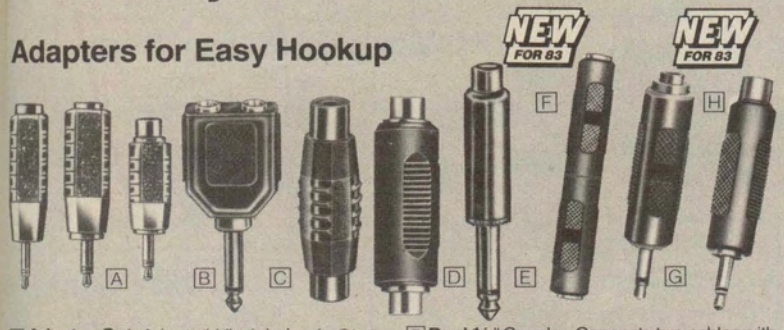
J **¼" Phone Jacks.** Accepts standard ¼" phone plugs. With hardware for easy installation.
2-Cond. Open Cir., 2 Closed.
274-324 ..... **Pkg. of 4/£1.49**
2-Cond. Open Circuit. 274-252 ..... **Pkg. of 2/89p**
2-Cond. Closed Circuit. 274-255 ..... **Pkg. of 2/89p**
3-Cond. Open Circuit. 274-312 ..... **Pkg. of 2/99p**
3-Cond. Closed Circuit. 274-311 ..... **Pkg. of 2/£1.39**

K **2-Conductor 3/32" Subminiature Phone Jacks.** Accepts submini phone plugs. Closed circuit.
274-292 ..... **Pkg. of 2/79p**

L **2-Conductor ⅛" Miniature Phone Jacks.** Mounts in ¼" hole. Usable in panels up to ⅛" thick. Easy to install.
Open Circuit. 274-251 ..... **Pkg. of 3/89p**
Closed Circuit. 274-253 ..... **Pkg. of 3/99p**

Tandy's Wide Selection of Adapters, Plugs and Jacks

Adapters for Easy Hookup



A **Adapter Set.** Adapts 1/8" mini plug to: 3/32" submini jack. 1/4" phone jack, phono jack. **274-359** ..... **Set of 3/£1.59**

B **Dual Mike/Speaker Adapter.** Adapts two 1/4" two-cond. phone plugs to 1/4" plug. **274-309** **£1.79**

C **Dual Phono Jack Couplers.** Connects two cables with phono plugs. **274-1553** ..... **Pkg. of 2/79p**

D **Dual Miniature Jack Coupler.** Connect two cables with 1/8" phone plugs. **274-1554** **69p**

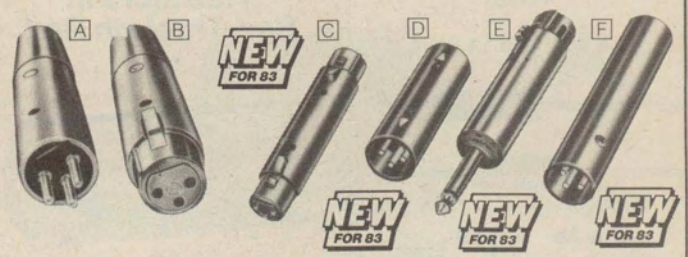
E **Phono Plug Adapters.** Converts phono plug to 1/4" plug. **274-320** ... **Pkg. of 2/£1.19**

F **Dual 1/4"** Coupler. Connects two cables with 1/4" plugs. For two or three conductor. **274-1556** **£1.19**

G **Mini Phone Plug to Mini Jack Inline Signal Reducer.** Accepts 1/8" phone plug. 51 dB attenuation for distortion-free recording from earphone or external speaker jack output. **274-301** **£1.19**

H **Phono Plug to Mini Phone Jack Signal Reducer.** 40 dB attenuation permits taping with portable recorder from line-level (aux/tape) output 1/8" mike input jack. **274-300** **£1.19**

"XLR" Audio Connectors and Adapters



A **A3M-Type 3-Pin Plug.** All metal. **274-010** **£2.29**

B **A3F-Type 3-Pin Inline Connector.** Mates with A3M connector. Cable strain relief. **274-011** **£2.39**

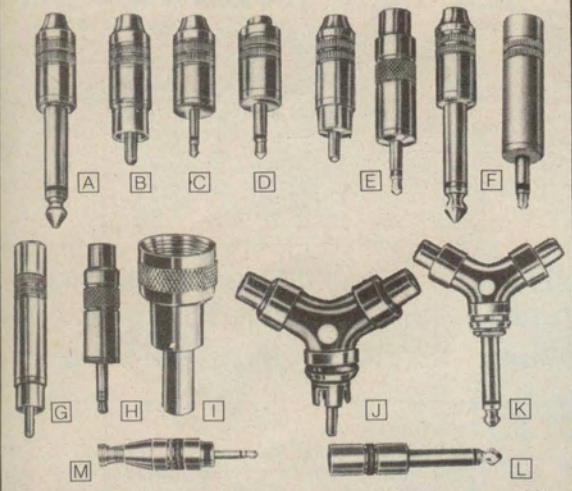
C **A3F to A3F Coupler.** Joins two A3Ms. Prewired. **274-014** **£5.49**

D **A3M to A3M Coupler.** Joins two A3Fs. Prewired. **274-015** **£3.19**

E **Adapter/Transformer.** A3F to 1/4" phone plug. Use "pro" mike having A3M connector with amp or recorder that has 1/4" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced. **274-016** **£6.49**

F **Adapter/Transformer.** 1/4" jack to A3M plug. Use high-Z unbalanced mike with equipment requiring low-Z balanced input. Use with 274-016 (above) for extended cable runs. **274-017** **£4.99**

Shielded Plug Adapters



A **Adapts 1/8" mini phone to 1/4" phone plug. 274-325** **69p**

B **Adapts 1/8" mini phone to phono plug. 274-326** **69p**

C **Adapts 1/8" mini phone to 3/32" submini phone plug. 274-327** **69p**

D **Adapts 3/32" submini phone plug to 1/8" mini phone plug. 274-328** **79p**

E **3-Pc. Plug Adapter Set.** Adapts 1/8" mini to plug. 1/8" mini to 1/4" phone plug. Phono plug to 3/32" submini plug. **274-046** ..... **Set of 3/£1.49**

F **Adapts 1/4" plug to 1/8" plug. 274-047** **69p**

G **1/4" Phone jack to Phono Plug.** Connects mikes, guitars to phono jack. **274-389** ..... **Pkg. of 2/£1.19**

H **Adapts phono plug to 1/8" plug. 274-330** **79p**

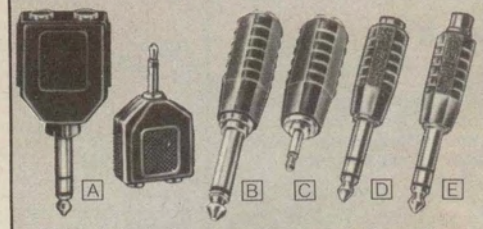
J **Mike Adapter Plug.** Adapts standard 1/4" plug to screw-on type coaxial mike plug. **274-048** **79p**

K **Shielded Y-Adapter.** Two phono jacks connected in parallel to one phono plug. **274-303** **99p**

L **Shielded Y-Adapter.** Two phono jacks in parallel to a 1/4" phone plug. **274-304** **£1.09**

M **"Sheildapter" Plug.** 2-connector 1/8" solder type mini plug with positive-mating 1/4" phone plug adapter. Cable strain relief. **274-045** **£1.39**

Headphone Adapter



A **Dual Jack Adapters.** Stereo 1/4" Phone Plug. Adapts two stereo headphones to a single 1/4" stereo plug. **274-302** **£1.79**

Mini 1/8" Phone Plug. Adapts two 1/8" miniature phone plugs to a single 1/8" plug. Mono. **274-310** **99p**

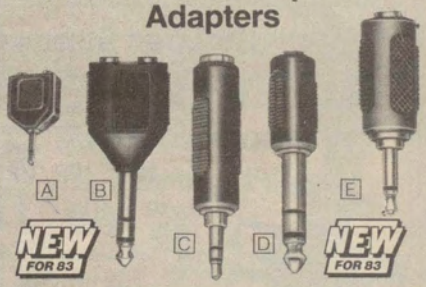
B **1/4" Stereo Jack to Mono 1/4" Phone Plug.** For use with CBs, shortwave and ham sets, mono audio equipment. **274-360** **79p**

C **1/4" Stereo Jack to 1/8" Mono Phone Plug. 274-361** **79p**

D **1/4" Stereo Plug to 1/8" Mono Jack.** Permits listening or recording in mono from stereo headphone jack. **274-363** **99p**

E **1/4" Stereo Plug to Phono Jack.** Combines left and right channels from stereo headphone jack to mono output phono jack. **274-365** **99p**

Mini Stereo Headphone Adapters



A **3-Conductor Mini Plug "Y" Adapts two 1/8" stereo plugs to one 1/8" stereo plug. 274-313** **£1.59**

B **Dual Jack "Y" Adapter 1/4" stereo plug to two 1/8" stereo jacks. 274-305** **£1.99**

C **1/4" Stereo Phone Jack to 1/8" Stereo Phone Plug.** Use regular stereo phones with personal portables. **274-366** **£1.39**

D **1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-367** **£1.19**

E **1/8" Mono Phone Plug to 1/8" Stereo Phone Jack.** Adapts stereo mini-phones to mono jack. For TVs, portable radios, communications gear. **274-368** **79p**

Din-Type Connectors

A **2-Pin Polarised Plugs.** Solder-type. **274-9022** ..... **Pkg. of 2/69p**

B **2-Pin Polarised Inline Jacks.** Solder-type. **274-009** ..... **Pkg. of 2/49p**

C **4-Pin Plug.** For Audio, microprocessor use. **274-007** **69p**

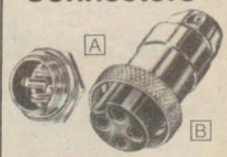
D **5-Pin DIN Stereo Plug.** Shielded with snap-on plastic shell. **274-9003** ..... **Pkg. of 2/89p**

E **5-Pin DIN Stereo Inline Socket.** Built-in cramping strain relief. **274-9010** ..... **Pkg. of 2/£1.29**

F **5-Pin DIN Plug.** To 3 conductor phone jack, back-to-back. **274-9054** . **£1.49**

G **5-Pin DIN Chassis Socket.** Solder terminals. **274-9017** ..... **Pkg. of 2/69p**

4-Pin Audio Connectors



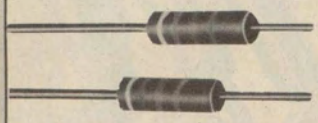
A **Chassis Mount Socket.** Mates with 4-pin plug. Solder terminals. **274-002** **79p**

B **Mike Plug.** Many communications uses. Cable strain relief. Solder terminals. **274-001** **99p**

Visit The Parts Place™ for Top-Quality Resistors

100-Pc. Resistor Kits

½ Watt and ¼ Watt

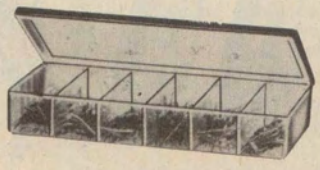


Low As £1.59 Each

½-Watt, 10% Tolerance. 21 values, all colour-coded. Six each: 100Ω, 1k, 4.7k, 10k, 100k; five each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; four each: 180Ω, 390Ω, 2.2k, 56k, 120k, 330k; three each: 22k, 270k.
271-306 ..... Set of 100/£1.99

¼-Watt, 5% Tolerance. 13 popular values, all colour-coded, for building or replacement. Ten each: 10Ω, 1k, 10k, 100k; eight each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg: four each: 150Ω, 220Ω, 15k.
271-308 ..... Set of 100/£1.59

350 Assorted Resistors In See-Through Box



£8.49

- *Perfect for Engineers and Hobbyists*

½-Watt, 10% Tolerance. Popular values include 10, 15, 22, 27, 33, 47, 68, 82, 100, 150, 180, 220, 270, 330, 390, 470, 560 and 680Ω; k-ohms: 1, 1.2, 1.5, 1.8, 2.2, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 22, 27, 33, 37, 39, 56, 100, 120, 150, 220, 270 and 470 megohms: 1, 2.2, 10.
271-601 ..... Set of 350/£8.49

PC Mount Potentiometers

99p Each

- *¼-Watt*
- *260° Rotation*

Thumb or screw-driver adjustable. Just install vertically on PC boards. Perfect companion to linear IC's.

Ohms	Cat. No.	Each
500	271-226	99p
1k	271-227	99p
5k	271-217	99p
10k	271-218	99p
50k	271-219	99p
100k	271-220	99p
500k	271-221	99p
1 meg	271-229	99p

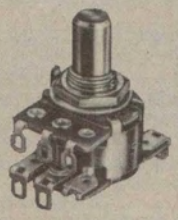
Joystick Potentiometers

£2.99 Each

Max. displacement from vertical, 30° all directions. Linear taper. 1"-long shaft. Body 1 7/16" sq. Solder lugs. With mtg. screws.

Ohms	Cat. No.	Each
40k	271-1706	£2.99
100k	271-1705	£2.99

Mini Controls



- *Fit 5/16" Hole*
- *SPDT Switch*
- *5/8 x 3/4 x 1"*

99p Each

Ohms	Cat. No.	Each
5k	271-214	99p
10k	271-215	99p
100k	271-216	99p

Potentiometers

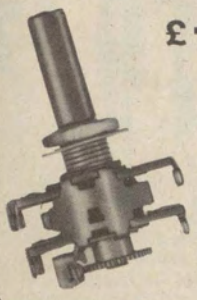
79p Each

- *With Mounting Hardware*
- *Require 5/16" Mounting Hole*
- *1 11/16"-Long, 1/4"-Dia. Shaft*

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	79p
10k	271-1721	79p
100k	271-1722	79p
500k	271-1723	79p

Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	79p
10k	271-1715	79p
50k	271-1716	79p
100k	271-092	79p
500k	271-210	79p
1 meg	271-211	79p
2 meg	271-093	79p

Stepped Stereo Control



£1.29 Each

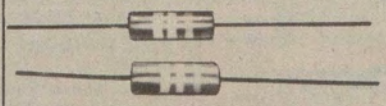
Ideal for new or replacement use. Dual click-stop pots with single ½"-long, ¼"-dia. shaft. Has 40% loudness countour tap. Requires a 3/8" mounting hole.

41 Detent Positions

Ohms	Cat. No.	Each
5k	271-1730	£1.29
10k	271-1731	£1.29
100k	271-1732	£1.29
500k	271-1733	£1.29

½-Watt Resistors 10% Tolerance

Absolutely Top Quality



14p Pkg. of 2

½ Watt		½ Watt	
Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	3.3k	271-028
15	271-003	3.9k	271-029
22	271-005	4.7k	271-030
27	271-006	5.6k	271-031
33	271-007	6.8k	271-032
47	271-009	10k	271-034
68	271-010	12k	271-035
82	271-011	15k	271-036
100	271-012	22k	271-038
150	271-013	27k	271-039
180	271-014	33k	271-040
220	271-015	39k	271-041
270	271-016	47k	271-042
330	271-017	56k	271-043
390	271-018	100k	271-045
470	271-019	120k	271-046
560	271-020	150k	271-047
680	271-021	220k	271-049
1k	271-023	270k	271-050
1.2k	271-024	470k	271-053
1.5k	271-025	1.0 meg	271-059
1.8k	271-026	2.2 meg	271-061
2.2k	271-027	10.0 meg	271-069

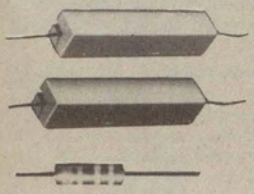
¼-Watt Resistors 5% Tolerance

For Precision Circuits

14p Pkg. of 5

¼ Watt		¼ Watt		¼ Watt	
Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	820	271-1320	22k	271-1339
15	271-1302	1k	271-1321	27k	271-1340
22	271-1303	1.2k	271-1322	33k	271-1341
27	271-1304	1.5k	271-1323	47k	271-1342
33	271-1305	1.8k	271-1324	51k	271-1343
39	271-1306	2.2k	271-1325	56k	271-1344
47	271-1307	2.7k	271-1326	68k	271-1345
51	271-1308	3k	271-1327	82k	271-1346
60	271-1309	3.3k	271-1328	100k	271-1347
82	271-1310	3.9k	271-1329	120k	271-1348
100	271-1311	4.7k	271-1330	150k	271-1349
150	271-1312	5.1k	271-1331	220k	271-1350
220	271-1313	5.6k	271-1332	330k	271-1352
270	271-1314	6.8k	271-1333	470k	271-1354
330	271-1315	8.2k	271-1334	1 meg	271-1356
390	271-1316	10k	271-1335	1.5 meg	271-1357
470	271-1317	12k	271-1336	3.3 meg	271-1359
510	271-1318	15k	271-1337	4.7 meg	271-1360
680	271-1319	20k	271-1338	10 meg	271-1365

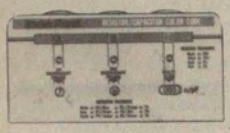
Wirewound Power Resistors



Axial Leads

Watts	Ohms	Tolerance	Cat. No.	Price
1	0.56	5%	271-072	2/59p
1	1.0	5%	271-073	2/59p
1	3.3	5%	271-075	2/59p
2	10.0	10%	271-080	2/59p
5	0.1	10%	271-128	49p
5	0.33	10%	271-129	49p
5	0.47	10%	271-130	49p
10	1.0	10%	271-131	2/69p
10	10.0	10%	271-132	2/89p
10	50.0	10%	271-133	2/69p
10	100.0	10%	271-135	2/69p

Colour-Code Guide



Only 59p

Pocket-sized. Gives you fast, direct readout of resistor, capacitor and inductor values and tolerances in ohms, pF and μH. RETMA standard.
271-1210 ..... 59p

Ohm's Law Calculator

59p

- *Pocket-Sized Slide-Rule Always Has the Answers*

Easy to use - provides quick anwers to Ohm's law problems. Flip-side has scales for parallel resistance calculations.
271-1211 ..... 59p

RETAIL PRICES IN THIS CATALOGUE MAY VARY AT INDIVIDUAL STORES AND DEALERS

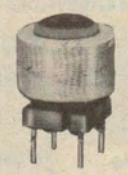
Tandy® Capacitors, Flashtubes and IF Filters

Xenon Strobe Flashtube

£1.59 *Build Your Own Strobe Light*

Trigger voltage: 4kV. Anode: 300V max. 200V min. Flash energy; 4W/sec. Includes specs. Long-life.
272-1145 ..... **£1.59**

4kV Trigger Coil



69p

Use with flashtube (left). Requires 200-300VDC primary source.
272-1146 ..... **69p**

"Monster" Strobe

NEW FOR 83 £1.99 *Extra Bright*

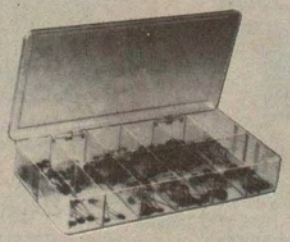
Trigger Voltage: 6kV. Anode voltage: 500V. Flash energy: 20W/sec.
272-1147 ..... **£1.99**

Photoflash Capacitor

NEW FOR 83 £3.49 *Use With Coil & Strobe Tubes*

500 microfarads. Voltage rating, 330VDC. Solder connections. **272-1148** **£3.49**

150 Ceramic Disc Capacitors

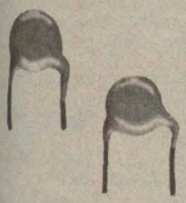


£8.49

Ideal for Engineers & Hobbyists!

50WVDC. Most popular values. Contains 15 .005μF, ten each of 100, 220, 470pF; .001, .002, .01, .02, .05, .1μF: five each of 5, 47, 68, 330pF; 25 other assorted values. Includes chart for identifying component values. Sealed construction. **272-601** **£8.49**

Ceramic Disc Capacitors 50WVDC



Low As **49p** Pkg. of 2

For RF, Bypass and Coupling Applications

Moistureproof coating. Hi-Q for low loss in RF circuits.

pF	Cat. No.	Price	μF	Cat. No.	Price
4.7	272-120	3/49p	.001	272-126	3/49p
47	272-121	3/49p	.005	272-130	3/49p
100	272-123	3/49p	.010	272-131	3/49p
220	272-124	3/49p	.050	272-134	2/49p
470	272-125	3/49p	.100	272-135	2/49p

Printed Circuits Capacitors

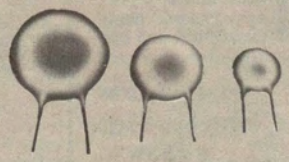
Low As **59p** Pkg. of 2

- *Epoxy Coated*
- *50WVDC*

Miniature size, rugged construction. High stability and die-electric strength. Long radial leads.

μF	Cat. No	Pkg. of	Price
.01	272-1065	2	59p
.022	272-1066	2	59p
.047	272-1068	2	59p
.1	272-1069	2	59p
.22	272-1070	2	89p

100 Disc Capacitors



£1.89

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1 μF in working voltages up to 1 kV. **272-801** ..... **Set of 100/£1.89**

Electrolytic Capacitors

Axial Type

Low As **49p** Pkg. of 2

PC Type

High-grade aluminium capacitors with special end-seals for long life. Welded at all critical terminations. Popular values in both axial and PC types. All manufacturers prime and fresh.

Axial Types			
μF	WVDC	Cat. No.	Price
4.7	35	272-1012	2/59p
10	35	272-1013	2/59p
22	35	272-1014	2/59p
47	35	272-1015	2/59p
100	35	272-1016	2/79p
220	35	272-1017	2/89p
470	35	272-1018	79p
1000	35	272-1019	89p
2200	35	272-1020	£1.19
3300	35	272-1021	£1.59
4700	35	272-1022	£1.89
PC-Mount Types			
μF	WVDC	Cat. No.	Price
4.7	35	272-1024	2/49p
10	35	272-1025	2/49p
22	35	272-1026	2/69p
47	35	272-1027	2/59p
100	35	272-1028	2/69p
220	35	272-1029	2/69p
470	35	272-1030	59p
1000	35	272-1032	79p

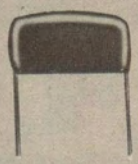
Non-Polarized Electrolytics

NEW FOR 83 Low As **49p** Each

Ideal for speaker crossover networks, audio filters and more. Long axial leads. Rated 50WVDC.

μF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Price
1.0	10 kHz	272-996	49p
2.2	8 kHz	272-997	49p
4.7	4 kHz	272-998	59p
10.0	2 kHz	272-999	59p

Metal Film Capacitor



Low As **59p** Pkg. of 2

Aluminium deposited Polyester film for low leakage and high temperature stability. For PC/Axial use.

- *Epoxy Dipped*
- *250 WVDC*

μF	Cat. No.	Price
.01	272-1051	2/59p
.047	272-1052	2/59p
.1	272-1053	2/69p
.22	272-1058	2/79p
.47	272-1054	59p
1.0	272-1055	89p

RF/IF Components

10.7 MHz IF Filters

89p Pkg. of 2

SFE 10.7MA5-A. for FM IFs. In/out impedances: 330 ohms. Bandwidth: 280 kHz. Perfect for 10 meter FM CB-to-Ham conversions.
272-1301 ..... **Pkg. of 2/89p**

455 kHz Ceramic IF Filters

69p *Replaces IF Transformers* NEW FOR 83

SFU 455-A. Bandwidth: 10 kHz. Makes AM/SSB receiver projects a snap.
272-1302 ..... **2/69p**

455 kHz Ceramic Resonators

89p *Ideal for BFOs* NEW FOR 83

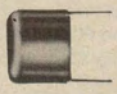
CSB 455-E. Use for IR remote control, BFOs. Works like a crystal. 2 pins. Data incl. **272-1303** **2/89p**

3.58 MHz Crystal

£1.59

Precision frequency standard in HC18/W package (wire leads).
272-1310 ..... **£1.59**

Trimmer Capacitors



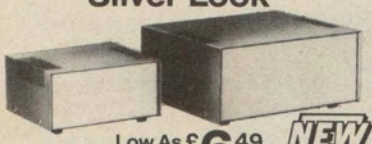
89p Pkg. of 2 NEW FOR 83

5-60 pF, PC mount, mini screw-driver slot adjustment. For IF and low-level RF peaking. **272-1340** **2/89p**

Tandy®: One-Stop Shopping for Builders & Fixers

25 Enclosures—One is Ideal for Your Project!

"Silver-Look"



Low As £6.49 NEW FOR 83

Vented steel tops, easy-to-work aluminum chassis, rubber feet and classy "silver" finish.

Size	Cat. No.	Each
3¼x7½x5⅞"	270-229	£9.99
2½x5 1/16x4 9/16"	270-228	£6.49

Slope-Front

Low As £3.79

- *Rubber Feet*
- *"Hammertone" Finish*

Ideal for test equipment, audio mixers, control panels and more. Steel construction.

Height Front	Height Rear	Width	Depth	Cat.No.	Each
1⅜	2⅞	5⅞	4⅛	270-264	£3.79
1⅜	2¾	7⅞	5⅞	270-265	£5.99
1¼	3½	10 15/16	8	270-266	£6.99

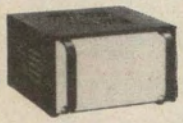
Metal Cabinets

Low As £2.29

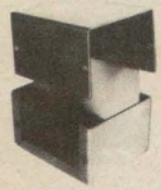
- *Steel Top*
- *Aluminium Chassis*

Fig.	Size	Cat.No.	Each
A	3¼x2⅛x4"	270-251	£2.29
B	4x2⅜x6"	270-252	£2.99
C	5¼x3 x5⅞"	270-253	£3.49

Heavy-Duty £9.95



A vented steel top with black finish, easy-to-work aluminium front and bottom. 5¼ x 9½ x 6¾".
270-270 ..... £9.95

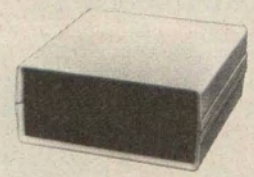


Chassis Box £2.39

Chassis box with hardware included, 5¼x3x2½".
270-238 ..... £2.39

Deluxe Plastic Enclosure

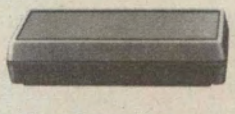
£6.99



Dress up and protect that special project! This deluxe enclosure has distinctive two-tone colouring, end panels of ABS plastic for easy drilling, internal slots and standoffs for PC boards, self-stick feet. 2¼x5x5¼". **270-218... £6.99**

Portable Case

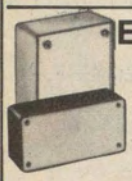
£3.49



Ideal for Tone Controllers, Radio Control Transmitters, Test Equipment and More

Easily hand-held–ideal for many portable devices and small projects. Easy-to-work styrene. 1⅛x3⅝x5¾". Rear side has compartment and slide-out cover for 9V battery.
270-219 ..... £3.49

Experimenter Boxes

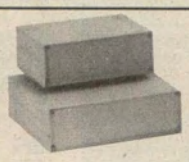


Low As £1.19

Plastic bodies with aluminium covers.

Size	Cat.No.	Each
3¼x2⅛x1⅛"	270-230	£1.19
4x2⅛x1⅝"	270-231	£1.29
5 1/16x2⅝x1⅝"	270-233	£1.49
6¼x3¾x2"	270-627	£1.99
7¾x4⅜x2⅜"	270-232	£2.59

Plastic Cabinets



Low As £6.99

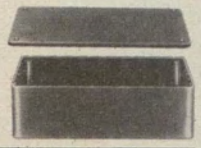
Plastic Cabinet with aluminium end panels. Size: 6⅜x2⅜x4¾". With feet and screws. **270-9501 ..... £6.99**

As above with extra rails for vertical or horizontal insertion of PC Boards. Size 7½x2⅜x6¾". **270-9502 ..... £8.99**

Size 7½x3x6¾". **270-9503 ... £9.99**

Project Cases

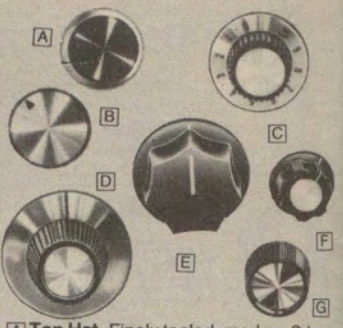
Low As £1.49



Blue plastic. Internal slots to hold PC boards.

Size	Cat.No.	Each
4x2x1 3/16"	270-220	£1.49
4x2 7/16x1 1/16"	270-221	£1.59
4¾x2½x1⅜"	270-222	£1.69
6x3 3/16x1⅞"	270-223	£2.69
7½x4⅓x2⅛"	270-224	£2.99

Knobs for ¼" Shafts



A **Top Hat.** Finely tooled, modern 2-tone styling. **274-423 ..... Pkg. of 2/£1.19**

B **Contemporary.** Metal over plastic.
274-424 ..... Pkg. of 2/£1.39

C **Knurled Grip.** With set-screw. 1½ x ⅞".
0-10 Calibrated.
274-392 ..... Pkg. of 3/£1.59
Single-Line. 274-391 ... Pkg. of 3/£1.59

D **Knurled Grip.** 1⅛ x 11/16". Brass bushings.
Single-Line. 274-414 ..... Pkg. of 2/89p
0-10 Calibrated.
274-413 ..... Pkg. of 2/99p

E **Hexagon.** 1⅜ x ⅝".
274-407 ..... Pkg. of 2/69p

F **Moulded.** Brass inserts. ¾ x 7/16".
274-415 ..... Pkg. of 4/£1.19
1 x 9/16". **274-416 ..... Pkg. of 4/£1.19**

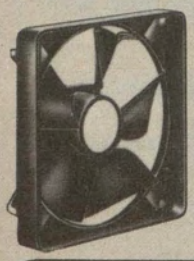
G **Knurled.** 1½" deep.
274-380 ..... Pkg. of 6/£1.49

Panel Lettering

NEW FOR 83 £1.99

Four sheets with rub-on letters, symbols, numbers and calibration marks for controls. Transfer easily to plastic and metal surfaces.
270-201 ... £1.99

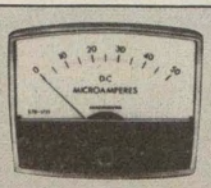
Quiet 240v AC Cooling Fan



£14.99 • *Compact & Efficient*

Equipment that runs cooler lasts longer! Delivers up to 65 CFM. Features diecast venturi, high efficiency blades, leads for easy hookup. For 240 VAC 11 watts. 4 11/16x4 11/16 x2½". **273-9241 .... £14.99**

Precision Panel Meters



£6.49 Each
- *0 to 15 Volts*
- *0 to 1 Milliamp*
- *0 to 50 Microamps*

Accuracy, ± 5% full scale 2¾x2¼x1¼".

0 to 50 uA DC. 270-1751 ..... £6.49
0 to 1 mA DC. 270-1752 ..... £6.49
0 to 15 VDC. 270-1754 ..... £6.49

Mini-Amplifier With Built-In Speaker

- *High-Gain IC Design*

£7.99

Compact, multipurpose amplifier features volume control, on/off switch. 100-10,000 Hz response. 1 mV input sensitivity. 2½x3⅞x1¾". Requires 9V battery.
277-1008 ..... £7.99

Wide Selection of Video and RF Adapters

A **UG-255/U Adapter.** BNC male to UHF SO-239. **278-120 ..... £1.89**
B **UG-237/U Adapter.** BNC female to UHF PL-259. **278-121 ..... £1.89**
C **Coax Plug Adapter.** Female UHF SO-239 to Motorola or RCA type plug. Fits scanners and communications equipment antenna jack. **278-208 ... 99p**
D **BNC Female to RCA-type Phono Plug. 278-250 ..... £1.89**
E **Female RCA-Type Phone to Male BNC. 278-254 ..... £1.99**
F **Coaxial Plug Chassis Mount 278-9103 ..... 89p**
G **Coaxial Socket Chassis Mount 278-9104 ..... 89p**
H **Phono Jack to Coaxial Plug. 278-9105 ..... 99p**
I **Phono Jack to Coaxial Socket. 278-9106 ..... £1.79**
J **BNC Female to Coaxial Plug. 278-9107 ..... £1.99**
K **BNC Female to Coaxial Socket. 278-9108 ..... £2.19**
L **Solderless Coaxial Plug. 278-9109 ..... £1.19**
M **Solderless Coaxial Socket. 278-9110 ..... £1.19**

GET IT ON CREDIT — ACCESS & BARCLAYCARD ACCEPTED IN ALL TANDY STORES

Tandy® Has All You Need in Wire and Cable

Colour Coded Test Leads and Jumper Cables

A **Set of 10 Test Lead Cables.** 14" long with miniature insulated alligator clips on each end. **278-1156** **£1.79**

A **Set of 4 Test Lead Cables.** 30" long, insulated clips at both ends. Red, green, black, yellow. **278-001** **£1.59**

B **8 Pack of 24" Cables.** Four colours. **278-1157** **£1.89**

C **Set of 6 Heavy-Duty Claw-Type Jumper Cables.** 40" long. Insulated clips at both ends. **278-002** **£2.69**

2-Conductor Speaker Wire

Low-loss, all-copper construction is ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

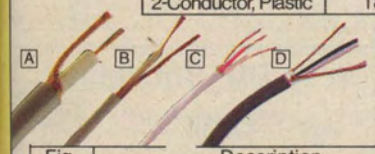
Description	Gauge	Feet	Cat.No.	Each
Miniature Clear	24 Solid	75	278-1509	£2.59
Medium Clear	22 Stranded	100	278-1385	£3.29
Standard Clear	20 Stranded	75	278-1388	£3.99
Standard Brown	20 Stranded	100	278-1387	£5.49
Heavy-Duty Brown	16 Stranded	100	278-1384	£9.99

Zip Cord Specials

Really handy! Flexible twin-conductor stranded copper wire with molded plastic insulation. Colours may vary.

Description	Gauge	Feet	Cat.No.	Each
Miniature, Plastic	24	50	278-1301	£2.19
2-Conductor, Plastic	18	100	278-1264	£6.79

Shielded Cable



Low-loss cable for microphones, audio and communications equipment. All copper conductors.

Fig.	Description	Feet	Cat.No.	Each
A	Heavy-Duty w/braided shield	40	278-751	£5.49
	Single Conductor w/braided shield	20	278-1277	£2.29
B	Miniature w/spiral wrap shield	30	278-752	£2.89
C	2-Conductor w/spiral wrap shield	50	278-1275	£3.79
	2-Conductor w/spiral wrap shield	20	278-1276	£2.49
D	2-Cond.H/Duty w/spiral wrap shield	50	278-1278	£16.99

Hook-Up Wire Packs

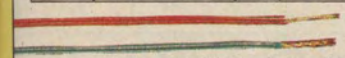


Fig.	Type	Ga.	Ft.	Cat.No.	Each
A	Solid	18	60	278-1291	2.19
B	Stranded	18	55	278-1292	2.19
	Solid	20	80	278-1294	2.19
	Stranded	20	75	278-1293	2.19
	Solid	22	100	278-1295	2.19
	Stranded	22	90	278-1296	2.19

Type	Ga.	Ft.	Cat.No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Solid	20	75	278-1305	2.19
Stranded	20	60	278-1304	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

Coaxial Cable

Low As **49p** Per Metre

Ideal for Amateur radio, CB, TV and FM. Low-loss Polyethylene dielectric tough outer jacket. Copper conductors made in USA by Tandy.

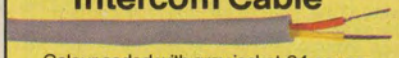
Ohms	RG Type	O.D. (in.)	Vel. Factor	Cap. Pr Ft.	Centre Cond.	Cat. No.	Per Metre
52	58/U	196	66%	28 pF	20 gauge solid	278-1326	59p
75	6/U	266	75%	18.6 pF	18 gauge solid	278-1324	49p

Antenna Accessories

A **Complete Antenna Kit.** Perfect for long-distance reception. Kit includes 75' copper antenna wire, 50' lead-in wire, window feed-thru and complete instructions. **278-758** **£7.69**

B **Insulators.** Low-loss material. For antenna or guy wire installation. Style may vary slightly. **270-1518** ..... **Pkg. of 2/69p**

Intercom Cable



Colour-coded with grey jacket 24-gauge.

Description	Feet	Cat.No.	Each
2-Wire solid	75	278-559	3.89
3-Wire solid	30	278-855	2.49

Rainbow Wire Packs

2 and 4 Conductor

Flexible flat parallel cable, colour-coded for easy identification. PVC insulation resists temperature changes. Perfect for use with low-voltage hook-ups or intercoms. 24-gauge solid copper.

2-Conductor, 35ft. 278-755 ... **£2.19**

4-Conductor, 25ft. 278-757 ... **£2.19**

Magnet Wire

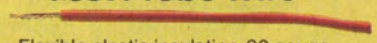
Three different gauges of wire, each on a separate spool. You get 40ft. of 22-gauge, 75ft. of 26-gauge, 200ft. of 30-gauge. **278-1345** ... **Pkg. 3/£3.49**

Telephone Cable

A Colour-coded wire with beige jacket. 24-gauge solid. **4-Conductor, 100ft.** **278-373** **£8.99**

B Modular Cable, colour-coded, 26-gauge. **4-Conductor, 100ft.** **278-366** **£8.59**

Test Probe Wire

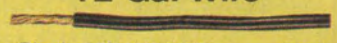


Flexible plastic insulation, 20-gauge stranded copper, 25ft.

Red. 278-553 ..... **£1.89**

Black. 278-554 ..... **£1.89**

12-Ga. Wire



Black. 20ft. **278-1280** **£2.69**

Accessories to "Wrap Up" Your Wiring Job

A **4" Wire Ties.** Self-locking nylon ties. Unbreakable. **278-1632** ..... **Pkg. 30/99p**

5" Wire Ties. As above. **278-1631** ..... **Pkg. 30/£1.19**

B **Heat-Shrinkable Tubing.** Fits over wire and shrinks to half its original diameter when heated. ⅛ to ½" sizes.

4" Tube. Shrinks at 95-200°F. **278-1627** ..... **Pkg. 14/£1.39**

1" Tube. Requires 275°F for shrinking. **270-1166** ..... **Pkg.20/£1.39**

C **Strain Reliefs.** One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2 "types." **278-1636** **59p**

D **Spiral Wrap.** Neatly bundles long lengths of wire. 5ft. clear and 5ft. black. ⅜". **278-1638** **£1.99**

E **Universal Cable Clip.** Adjusts to wire size, up to ½" dia. Self-adhesive. **278-1639** ..... **Pkg.10/£1.59**

Coax Assemblies

20-Ft. RG58/U Cable. 278-967 .. **£5.49**

2-Ft. RG58/U Cable. Handy patch cable for SWR meters, ant. switches. etc. **278-968** **£3.39**

50-Ft. RG8/U Cable. 278-970 ..... **£16.49**

100-Ft. RG8/U Cable. 278-972 ... **£34.99**

50-Ft. RG58/U Cable. 278-971 ..... **£9.99**

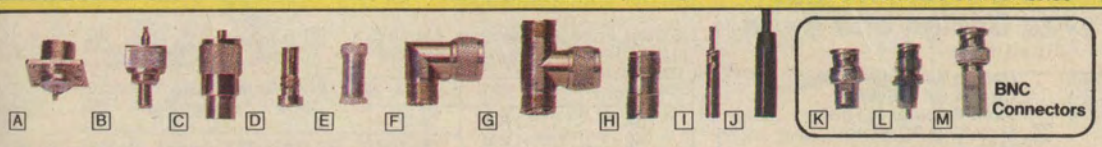
Supply Cords

71" replacement cord with fixed female square or round plugs. Fit most portable cassette recorders, radios etc.

A Square female **278-9003** **£1.19**

B Round female **278-9004** **£1.19**

Wide Selection of RF Connectors and Adapters



A **SO-239 Chassis Mount.** UHF-type, plated finish. **278-201** **89p**

B **Solderless PL-259.** For RG58/U cable. **278-196** ..... **Pkg. 2/£1.49**

C **PL-259 Plug.** UHF-type connector, screw-on lock. **278-205** ..... **Pkg. 2/£1.89**

D **UG175/U Reducer.** For RG58/U Cable. **278-206** ..... **Pkg. 2/59p**

E **Inline Splicer for RG58/U Cable.** Join or extend cable. **278-203** **£1.19**

F **M-359 Right-Angle Adaptor.** UHF type with screw-on lock. **278-199** **£1.99**

G **M-358 "T" Adaptor.** UHF-type screw-on lock. **278-198** **£2.69**

H **PL-258 Coupler.** UHF-type connections. Plated finish. **278-1369** **£1.29**

I **Motorola-Type Plugs.** Fit car radios, most scanners. **274-711** ..... **Pkg. 3/79p**

J **Motorola-Type Jack with Shielded Inline Cable. 274-713** **59p**

K **BNC Male Connector. 278-9101** **£1.99**

L **Type 1094 Female BNC.** Mounts in single 5/16" hole. **278-105** **99p**

M **Type UG-88 Male BNC.** Solderless. For RG58/U Cable. **278-103** **£1.99**

For RG59/U and RG62/U Cable. 278-104 ..... **£1.99**

PC Boards and Computer Connectors, Wire Wrap Needs

PC Boards for Fast, Easy Prototyping

Low As **89p**

A **Grid Board.** 750 contact points, indexed with letters and numbers on both sides for easy identification of component pinouts—really speeds wiring. 100 × 100 centres for DIP ICs, sockets and headers. 2¾ × 3¾". **276-158** **£1.19**

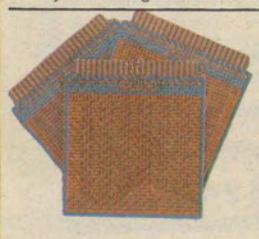
B **Dual Grid Board.** Dual version of above. **276-161** **£1.69**

C **IC/LSI Board.** Ideal for projects using LSI ICs up to 40 pins. 750 contact points, indexed on both sides. DIP centres. 2 13/16 × 3¾". **276-162** **99p**

D **Dual IC Board.** Accepts two 6 to 20-pin DIP ICs. Provides four contact points for each IC pin. 1¾ × 3¾". **276-159** **89p**

E **Single IC Board.** Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. 2⅛ × 1½". **276-024** **89p**

Plug-In Boards



Plug-In Boards. Poly-glass. 4½ × 4" with 1/16" grids. Fit 44-pin socket.

Application	Cat. No.	Each
Multi-Purpose	276-152	3.69
3-Voltage Source (Op-Amp)	276-154	3.69

Versatile PC Boards For Computer Projects

Tandy Exclusive!

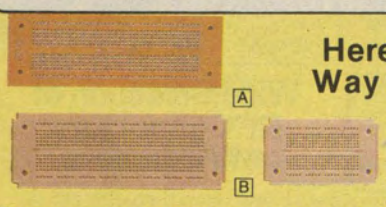
Highest-Quality Dual-Sided Glass Boards

For clean—not kluged—projects! Ideal for peripheral circuits and transforming one computer format to another with plug-in simplicity. These indexed boards and matching connectors are a "system" that can reduce building time and wiring errors. Accept card edge connectors (276-1544, 1545, 1558, 1566) or sockets and headers (Fig. C and D).

Fig.	Connector	Contact Points	Size	Cat. No.	Each
A	40 position	1520	4¼ × 5¼	276-163	3.69
A	50 position	2898	5¼ × 8¼	276-164	3.69
B	40 position	1520	4¼ × 5¼	276-165	7.49
B	50 position	2898	5¼ × 8¼	276-166	7.49

C **40-Position Socket With 12" Cable. 276-1542** **£3.69**
50-Position Socket With 12" Cable. 276-1543 ..... **£3.89**
D **40-Position Header. 276-1540** ..... **99p** **50-Pos. 276-1541** **£1.19**

Here's a Fast and Easy Way to Design and Build



Design and Debug Your Circuit On a Socket, Then Transfer It To the Matching PC Board!

A **Experimenter's PC Board.** Layout matches that of sockets for quick and easy transfer of your finalized circuit. 550 pre-drilled connection points. 2 1/16 x 5 7/16 x 1/16". **276-170** **£3.49**

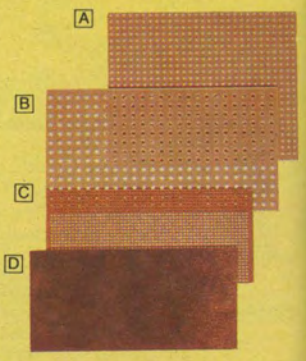
B **Modular IC Breadboard Socket.** These "breadboards" snap together horizontally or vertically. Silver-nickel contacts accept 30 to 22-gauge solid wire. Two bus strips, 550 indexed connection points. 2⅛ × 6". **276-174** **£9.79**

C **Modular IC Breadboard Socket.** Smaller version of above has two bus strips. 270 indexed connection points. 2⅛ × 3⅝". **276-175** **£5.99**

Pre-Drilled Phenolic Boards

Fig.	Grid Hole Centres	Hole Size	Board Size	Cat. No.	Each
A	.187 × .187	1/16"	4½ × 5⅝	276-1390	99p
B	.100 × .100	1/16"	4½ × 5⅝	276-1392	99p

PC Boards



C IC-Spacing Perfboards

Size	Cat. No.	Each
4½ × 6"	276-1394	1.69
2¾ × 6"	276-1395	1.19
6 × 8"	276-1396	2.49

D Solid Copper-Clad Boards

Size	Cat. No.	Each
3 × 6"	278-1586	1.19
6 × 6"	278-1587	1.89

PC Board Assortment

£1.89

Assortment comprises up to 85 square inches of board! May include phenolic, glass, double and single-sided boards.
276-1591 ..... **£1.89**

30-Gauge Kynar® Wire

£1.89

50-Ft. Spools

Use with any wrapping tool to make reliable connections.

Colour	Cat. No.	50-ft. Spool
Red	278-501	1.89
White	278-502	1.89
Blue	278-503	1.89

PC Board Holder

£5.59

Frees hands for easier soldering and repair. Mounts on bench or in a vice. Holds board securely, yet is fully adjustable.
276-1568 ..... **£5.59**

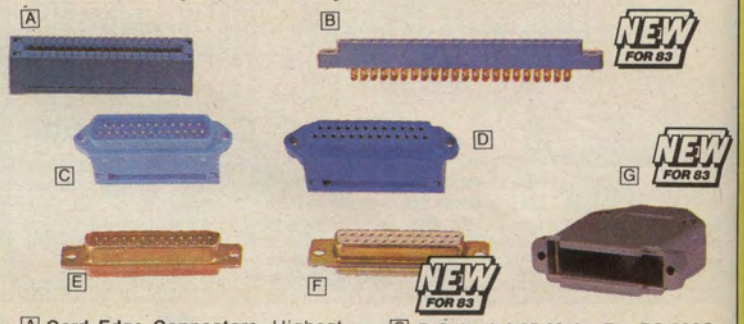
Wrap DIP Sockets

Low As **99p**
Pkg. of 2

Square .025" posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
14	276-1993	99p
16	276-1994	1.39

Computer/Peripheral Connectors



A **Card Edge Connectors.** Highest quality, reusable. For ribbon cable.

Positions	Cat. No.	Each
34	276-1564	3.99
40	276-1558	4.79
50	276-1566	3.49

B **Card Edge Connectors.** Solder eyelets. Convenient mounting tabs.

Positions	Cat. No.	Each
40	276-1544	1.89
50	276-1545	2.49

C **D-Submini 25 Male.** For RS-232C bus. Reusable. **276-1559** **£3.99**

D **D-Submini 25 Female.** Ideal for cable extensions. **276-1565** ... **£3.99**

Solder D-Submini 25 Connectors. Optional hood for use when less than 25 conductors are required.

E **Male. 276-1547** **£2.49**

F **Female. 276-1548** **£2.99**

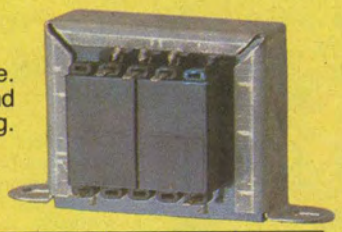
G **Hood. 276-1549** **£1.69**

ASK ABOUT THE NEW TANDY CREDIT CARD AT YOUR LOCAL STORE NOW!

More Reasons to Make Tandy® Your Parts Place

High-Quality Power Transformers

Ten popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have steel frames for chassis mounting. All primaries are for 240v AC, 50 Hz.



Audio Output Transformer

69p

Miniature size. 1000-ohm centre tapped primary. 8-ohm secondary. ¾ x ⅝ x ⅝". **273-1380** **69p**

Ideal for Projects and Power Supplies

CT = Centre Tap.

Volts	Current	Cat. No.	Each
6.3	450mA	273-7011	£2.39
12.0 CT	450mA	273-7012	£2.39
24.0 CT	450mA	273-7013	£2.59
6.3	1.2A	273-9203	£2.99
12.0 CT	1.2A	273-9204	£3.29
12.0	300mA	273-9207	£2.19
0-6-9-12-18-24	1A	273-9217	£4.99
3-0-3-10	300mA	273-9521	£2.29
9.0	300mA	273-9533	£2.09
6.3-0-6.3	500mA	273-9540	£2.19

Insulated Alligator Clips

A **Mini Clips.** 1¼" jaws open to 3/16". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. **270-378** ..... **Pkg. of 10/69p**

B **1⅜" Mini Clips.** Open to ¼". Screw terminals. 6 black, 6 red. **270-1545** ..... **Pkg. of 12/99p**

C **Heavy-Duty Clips.** Rated 10 amps, 2⅝" long, open to ½". Includes 2 black and 2 red. Screw terminals. **270-349** ..... **Pkg. of 4/£1.19**

D **"Battery" Clips.** Ideal for chargers and other hookups to automotive battery posts. 2¼" long, open to ⅞". One red, one black. Solder or crimp. **270-344** ..... **Pkg. of 2/59p**

E **2¼" Clips.** 5/16". Solderless. 3 red, 3 black, 2 green, 2 yellow. **270-375** ..... **Pkg. of 10/99p**

F **1-Amp Clips.** 1 11/16" long, open to ⅜". Screw terminals. 3 red, 3 black. **270-371** ..... **Pkg. of 6/89p**

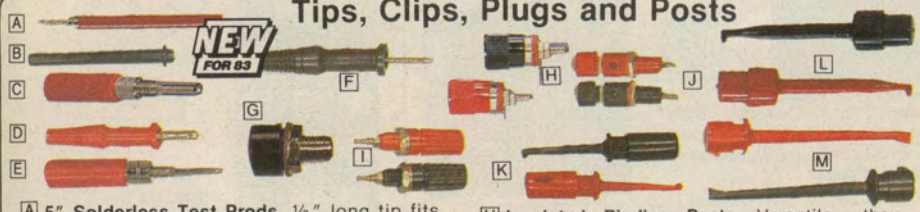
G **2¼" Clips.** Open to 7/16". Screw terms. 5 red, 5 black. **270-347** ..... **Pkg. of 10/£1.19**

H **Mini Alligator Clips.** 1⅜" long. 5 red, 5 black. **270-374** ..... **Pkg. of 10/89p**

I **Micro Clips.** 1⅜" long, open to 3/16". Brass-plated steel. Solder type. 5 red, 5 black. **270-1540** ..... **Pkg. 10/£1.19**

J **Mini Claw Clips.** 1 3/16" long, open to 1/16". 5 red, 5 black. **270-369** ..... **Pkg. of 10/£1.19**

Tips, Clips, Plugs and Posts



A **5" Solderless Test Prods.** ½" long tip fits standard phone tip jacks. One red, one black. **274-720** ..... **Pkg. of 2/79p**

B **Test Probes With Fingerguards.** For extra safety around high voltage. Solder type. One red, one black. 4 9/16" long. **274-719** ..... **Pkg. of 2/69p**

C **Solderless Banana Plugs.** Insulated, fit standard banana jacks. Knurled collar. 2" long. One red, one black. **274-721** ..... **Pkg. of 2/89p**

D **Flexible Banana Plugs.** As above, with flexible insulation, strain relief. Solder type. One red, one black. **274-730** ..... **Pkg. of 2/69p**

E **Solderless Phone Tips.** Fit standard phone tip jacks. Knurled collar. 2⅛" long. One red, one black. **274-723** ..... **Pkg. of 2/69p**

F **Phone Tips With Fingerguards.** Solder type. 2⅜" long. One red, one black. **274-726** ..... **Pkg. of 2/59p**

G **Banana Jacks.** Insulated. Require ¼" mounting holes. With fibre washers, solder lugs. One red, one black. **274-725** ..... **Pkg. of 2/49p**

H **Insulated Binding Posts.** Versatile — they accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. Two red, two black. **274-661** ..... **Pkg. of 4/£1.19**

I **Nylon Binding Posts.** Insulated. For 3/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. **274-662** ..... **Pkg. of 2/99p**

J **Pushbutton Binding Posts.** For 5/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. **274-660** ..... **Pkg. of 2/79p**

K **Micro Test Clips.** Spring-action. Ideal for testing on high-density PC boards. 1½" long. Solder type. One red, one black. **270-370** ..... **Pkg. of 2/99p**

L **Mini Test Clips.** As above, but 2⅛" long. One red, one black. **270-372** ..... **Pkg. of 2/99p**

M **Extra-Length Test Clips.** As above, but 3½" long. One red, one black. **270-352** ..... **Pkg. of 2/£1.19**

Non-Insulated Alligator Clips

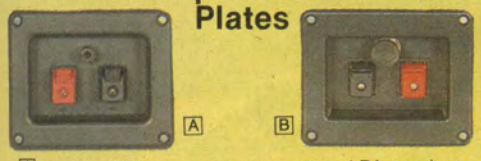
A **2" Slim Clips.** All steel with screw terminals. **270-346** ..... **Pkg. of 10/89p**

B **Claw Clips.** Rated 5 amps. 1⅝" long, open to 7/16". Screw terminals. **270-345** ..... **Pkg. of 8/89p**

C **Mini Clips.** Rated 1 amp, 1¼" long, open to 3/16". Solder type. **270-380** ..... **Pkg. of 12/87p**

D **All-Purpose Micro Clips.** Copper-plated, non-serrated ends. 1⅛" long, open to ¼". **270-373** ..... **Pkg. of 10/69p**

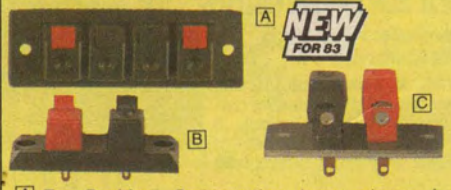
Custom Speaker Terminal Plates



A Ideal for hi-fi, musical instrument and PA speakers —recessed design lets you place enclosure close to wall. Spring-action terminals for easy wire hook-up, plus centred RCA-type phono jack with a removable plug that maintains "seal" of acoustic suspension systems. **274-625** **£1.19**

B Above with ¼" phone jack in place of phono jack. Includes seal plug. **274-624** **£1.19**

Pushbutton Terminals



A **Four-Position.** Spring-action lever release for quick hookup and positive contact. Moulded board with mounting holes 2⅜" apart. **274-622** **£1.19**

B **Two-Position Version of Above.** Moulded board with mounting holes 1⅝" apart. **274-621** **79p**

C **Two-Position Push Terminals.** Spring-action insertion/release. 2⅞ x ¾" board, mounting holes 1⅜" apart. **274-315** **89p**

Universal AC Adapter

NEW FOR 83 **£9.49**

Complete with 4 Adapter Plugs

Powers most portables that have a jack for external power. Four plugs mini and submini phone types and .085 and .097" I.D. coaxial power types—output: 4.5/6/7.5/9v DC at 300 mA. 240v AC 50 Hz. **270-9551** **£9.49**

EMI/RFI Filter

£7.99

Keeps RFI from being conducted into sensitive equipment from power line or into line fom equipment. 4A at 250v AC. **273-100** ... **£7.99**

Axial-Lead RF Chokes

Low As **69p**

Top-quality low-loss forms. Useful for RF bypass, filtering and peaking applications.

10 μH. 1.5 amps. ¼" dia. × ⅞". **273-101** **69p**

100 μH. 2.0 amps. 5/16" dia. × 1¼". **273-102** **79p**

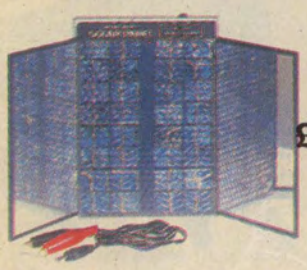
Universal AC Adapter

• *Polarity Reversal* **£6.99**

Powers battery operated transistor radios, etc.. From any 240v mains 50 Hz supply. 3-range voltage selector switch. Output: 3, 4.5, 6v DC at 200 mA - 78" cord with four plugs combined in one. **270-9538** **£6.99**

Great Values for Solar and Electronics Experimenters

Portable Solar Panel Puts The Sun To Work For You



NEW FOR 83

£19.95

Tandy Exclusive

- *Switchable 12 or 6VDC Output*
- *Contains 32 Full-Spec Cells – Not Seconds or Sweepings*

Ready-to-use panel of polycrystalline cells converts bright sunlight into approximately ½ watt of "free" electrical power. Ideal for charging batteries (especially our 22-126 9-volt nickel cadmium cell). Will also power radios, calculators, toys and many other devices directly from the sun. Usable output with full sunlight: 80 milliamps at 6V, 40 mA at 12V. Special lens and detachable 5 x 4" reflector panels allow maximum collection with minimum repositioning. 48" plug-in-lead with clips. 5¾ x 4⅛ x ⅝". Not for permanent outdoor installation. **277-1250** **£19.95**

Solar Energy Project

NEW FOR 83

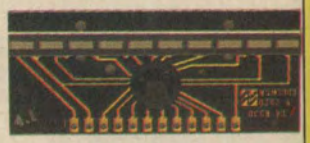
£7.49

- *Ready to use*
- *Ideal for Models*

An efficient silicon solar cell prewired to a precision DC motor - ready for your creative ideas. Perfect for building into model windmills, boats, school and Science Fair projects. Includes colour wheels, mini propeller, booklet with solar power information and projects. Fun and educational! **277-1201** **£7.49**

LED VU Meter Module

£7.49



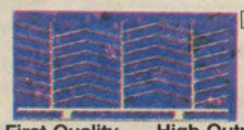
- *Fast Response - Update Your Audio System*

Red display has moving-point or bar-graph option. Requires 12v DC and a minimum of circuitry for use with line-level audio signals. **277-1009** **£7.49**

Solar Cells - Harness The Sun's Energy

Low as £3.59

A


B

C

NEW FOR 83

First-Quality, High-Output Polycrystalline Cells for Battery Charging, Powering Projects. Wire In Series To Obtain More Voltage.

Fig.	Size	DC Voltage and Current (Usable)	Cat. No.	Each
A	2.5x5 cm	0.42V at 160 mA	276-124	£3.59
B	5x10 cm	0.42V at 333 mA	276-126	£8.69
C	10x10 cm	0.42V at 1.33 amps	276-128	£13.99

Pushbutton Key-Pad Module

£11.99

- *Great for Remote Control Circuitry or Amateur Radio Auto Patching*

Twelve-button, keyboard has 1 x 5 x 2" face. Requires 3.5v DC 16 mA. **277-1010** **£11.99**

Crystal: 3.58 MHz. HC 18/W base. **272-1310** **£1.59**

Big Selection of Low-Cost, High-Quality Relays For Your Projects

DPST Reed Relay

NEW FOR 83

Only 59p

5VDC, 180-Ohm Coil. Contacts rated 0.25A at 240VAC. PC board mountable. **275-228** **59p**

SPDT DIP Relay, 5VDC Coil

NEW FOR 83

£1.39

Fits 14-pin DIP socket or mount on PC boards with 100" hole centres. Contacts: 2 amps at 240v AC, 5v DC, 72 mA, 70-ohm coil. **275-243** **£1.39**

⅜x9/16x⅜ ins.

Mini SPDT's With 3-Amp Contacts

£1.59 Each

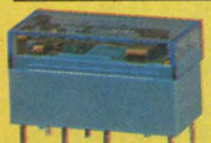
NEW FOR 83

For limited-space projects that require switching up to 2 amps at 250v AC. 5v DC coil, 70 ohms, 72 mA. **275-246** **£1.59**

With 12VDC Coil. 400 ohms. 30 mA. **275-247** **£1.59**

9/16x25/32x⅝".

Submini DPDT DIP Relays



£2.69 Each

Fit 16-Pin DIP Socket or Mount on PC Board

5VDC Coil. Contracts: .5 amp at 240v AC. Coil: 100 mA, 50 ohms. 7/16x25/32x⅜". **275-215** **£2.69**

12VDC Coil. As above, but 43 mA, 280-ohm coil. **273-213** **2.69**

Mini SPDT Relays

- *Sensitive / Wire Leads*

£1.59 Each

6-9VDC, 500-ohm Coil. Typical current drain 12 mA – ideal for battery-powered circuits. Contacts: .5 amp at 240v AC. 1x1 1/16x¾". **275-004** **£1.59**

12VDC, 1200-ohm Coil. Draws 10 mA. **275-003** **£1.59**

Miniature DPDT With 12VDC Coil

Socket Included

£3.59

Contacts: 1.5 amp at 240v AC. Coil: 75 mA, 160 ohms. Relay in transparent case. 1¼x1x¾". Chassis or PC-mount socket with clip for relay. **275-206** **£3.59**

Miniature 4PDT With 12VDC Coil

£3.59

Long-Life Contacts Rated 1.5 at 240v AC

Switches up to four circuits! For PC or socket mounting. 12v DC. 75 mA, 160-ohm coil. 1⅜ x 1⅛ x 13/16". **275-214** **£3.59**

Heavy-Duty DPDT 10-Amp Relays

Contacts Rated 10A at 240v AC

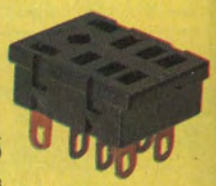
£4.39

For plug-in use or soldering. 1⅝ x 1 x 1¾". 12v DC, 160-ohm coil. **275-218** **£4.39**

Relay Sockets

For Chassis or PC Board Mounting

Low as 99p Each



Socket for 275-217, 275-218. Rated 10 amps. **275-220** .. **£1.19**

Socket for 275-214. Rated 3 amps. **275-221** **99p**

LET TANDY® LOOK AFTER YOUR EVERY "ELECTRONIC" NEED

ENERCELL™ Rechargeable Batteries Save You Money

Nickel Cadmium – Use Them Again and Again

- *Keep Working Long After Other Batteries Have Worn Out*
- *Steel-Clad and Insulated for Extra Dependability*
- *Recharge Them Over and Over – They Pay for Themselves*
- *Choose From Four Popular Sizes*

Stop wasting money on one-life batteries. ENERCELL batteries can be recharged time and time again with the chargers below. Available in sizes "D", "C", "AA", and for 9v applications. The most efficient source of reusable power available. Rated 1.25v.

Fig.	Cell Type	Replacement For				Cat. No.	Pkg. of 2
		Eveready	Ray-O-Vac	GE	Duracell		
A	D	CH1.2/D	613	GC3	NC13D	23-123	£4.99
B	AA	CH500	615	GC1	NC15AA	23-125	£3.49
C	C	CH1.2/C	614	GC2	NC14C	23-124	£4.79
D	9V*	CH22BP	NC1604	GC9B	NC169VB	23-126	£6.99 Ea.

A 1.25V "D" Cell — B 1.25V "AA" Cell — C 1.25V "C" Cell — D For 9V* Applications

Charger for Nickel Cadmium "AA", "C" and "D" Batteries

£7.95

Specially Designed for ENERCELL Rechargeables

Recharges in seven to fourteen hours, depending on initial charge. Unique design allows you to charge two batteries of different sizes at the same time. 8⅜x3⅞x2¼". **23-122** **£7.95**

Charges Two Sizes Together!

Recharge Your Batteries in a Matter of Hours

Batteries not included

General Purpose Battery Reviver

£7.95

Charges Two or Four Regular or Extra-Life Batteries

Great for reviving radio and flashlight batteries. Charges all popular sizes: "C", "D", "AA" and 9-volt. Automatically controls revive rate - cannot overrevive. For general-purpose and extra-life batteries only 2¼ x 8½ x 2¾". **23-120** **£7.95**

Power Indicator

Batteries not included.

Enercell 9v Battery Charger

£3.99

Designed to charge ENERCELL rechargeable 9v transistor batteries over and over again. Snap on battery clips and plug into 240v mains outlet. Keeps your Ni-Cad batteries at full strength and always ready to use! **23-9131** **£3.99**

Easy-to-Use Button Cell Battery Tester

For Silver Oxide, Alkaline and Mercury Batteries

£3.49

Just squeeze the side-mounted test switch, and watch Good/Replace meter. For watch, camera, calculator and hearing aid batteries. 3¼x1⅝x13/16". **22-097** **£3.49**

"Radio Shack" Battery Checker

Styled Just Like Our ENERCELL Batteries

£3.49

Makes battery testing fun and easy! Meter indicates strength. For 9v "transistor", 1.5v "C", "D" and "AA" sizes. 4¼x3¼x1". **22-098** **£3.49**

Handy Battery Checker

Tests 9v and 1.5v "AA", "C" and "D" Sizes

£4.49

Checks zinc-carbon, alkaline, mercury and nickel cadmium batteries. Press battery in place and voltage level is indicated. 4¼x2½x1½". **22-100** **£4.49**

Deluxe Battery Tester

Leads for Testing Non-Standard Batteries

£7.95

Ranges include 1.5/6/9/15/22.5 volts. Two colour-coded scales for regular and mercury batteries. Also tests nickel cadmium, watch/calculator batteries. 5x3½x1½". **22-030** **£7.95**

ENERCELL™ Batteries - Power For Every Purpose

Our Alkalines Last a Long, Long Time

- ***Our Best, Longest Lasting Non-Rechargeable Batteries***
- ***Long Shelf Life • Anti-Corrosion Contacts***
- ***High Output at Low Temperatures • For All Standard Uses***

Each of our exclusive alkalines delivers top performance even at high current drain and retains full power during long-term storage. Steel clad, insulated, dependable!

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
A	"C"	814	E93	MN1400	23-551	Pkg. 2/1.79
B	9v Rect.	A1604	522	MN1604	23-553	Each 1.59
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.29
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/1.89
E	"N"	810	E90	MN9100	23-023	Pkg. 2/1.49
F	"D"	813	E95	MN1300	23-550	Pkg. 2/1.99

Toys Run Longer

Radios Play Longer

Extends Power in Torches

Longer Life For Walkie Talkies

Heavy-Duty, Extra-Life Batteries

- ***"Miracle Seal" for Greater Leak Protection***
- ***Shelf Life Up to Three Years • Rigid Steel Case***
- ***Stock Up - Be Prepared for Emergencies***

Save money and bother by stocking up on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer replacements!

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
A	"D"	6D	1250	23-580	0.59
B	"AA"	5AA	1215	23-582	0.29
C	"C"	4C	1235	23-581	0.49
D	"AAA"	400	912	23-584	0.25
E	9V Rect.	D1604	1222	23-583	0.89

For General Purpose Applications

- ***Costs Less Than Most Brands***
- ***Protected Against Leakage***

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong when you buy them! Compare and you'll see what value they really are!

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ever-eady	Ray-O Vac		
A	"D"	950	13	23-466	0.25
B	"AA"	915	15	23-468	0.12
C	"C"	935	14	23-467	0.25
D	9v Rect.	216	1604	23-464	0.39

Get Your FREE Battery Card!

SAVES YOU UP TO £4.68

Join our Battery-A-Month Club and get a Tandy General Purpose ENERCELL each month, FREE, for a whole year! Nothing to buy, no obligation!

Valid at Participating Stores and Dealers

TANDY IS YOUR HEADQUARTERS FOR ALL TYPES OF FACTORY-FRESH BATTERIES

Tandy® Has Batteries to Meet Big Demands

Silver Oxide Watch/ Calculator Batteries

- ***Extra Protection Against Leakage***
- ***Keep Working Harder and Longer***
- ***Stock Up - Save Trips to the Store***

Silver Oxide ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.

Tandy	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357/10L14	G13,541	23-009	2.95
389	389	RW49	D389/10L122	G10,V10GS	23-101	1.99
392	392	RW27/47	D392/10L125	G3,547	23-102	1.29
393	393	RW28/48	D393/10L123	G5,546	23-103	1.99
303	303	.....	D303/WS14	GS14,521	23-104	2.95
357	357	RW22/42	D357/10L14	G13,541	23-105	2.95
386	386	RW24/44	D386/10L124	G12,548	23-106	2.95
391	391	RW40	D391/10L130	G8,V8GS	23-107	1.95

Lithium Watch/ Calculator Batteries

- ***Long Shelf Life***
- ***Superb Leakage Resistance!***

Breakthrough in lightweight, high-voltage, high energy-density power for watches and calculators! Lithium cells are the latest in high-performance power sources.

NEW FOR 83

Tandy	Replaces			Cat No.	Each
	Ray-O-Vac	Eveready	Duracell		
CR2016H	BR2016	E2016	DL2016	23-160	1.29
CR2025	....	E2025	DL2025	23-161	1.29
CR2032	....	E2032	DL2032	23-162	1.29
CR2320H	BR2320	E2320	....	23-163	1.29

Maximum-Performance Alkaline Calculator Batteries

Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.

Tandy	Replaces				Cat. No.	Each
	Eveready	RayOVac	Maxell	Other		
357A	A76	RW82	LR44	V13GA,76A	23-115	.99
386A	186	RW84	LR43	V12GA,86A	23-116	.99
389A	189	RW89	LR1130	V10GA,89A	23-117	.99
391A	191	....	LR1120	....	23-118	.99

Mercury Hearing Aid Battery Pack

Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need.

Tandy	Replaces				Cat. No.	Price
	Ever-eady	Ray-O-Vac	Dura-cell	Other		
P675M	EP675	RP675	MP675H	8107.675MP	23-145	Pkg. 6 3.49
13M	E13E	R13	RM13H	8118.M13	23-146	Pkg. 6 3.49

Tandy is the Place for Those "Hard-to-Find" Batteries

Transistor Radio Batteries

Cat.No.	Volts	Mallory Equivalent	Eveready	IEC	Price
23-9004	9	M1603	PP-9	6F100	£1.29
23-9005	9	M1605	PP-7	6F90	£1.19

PP-9

PP-7

Torch Batteries

Cat.No.	Volts	Mallory Equivalent	Eveready	IEC	Price
23-9003	4.5	M1689R	1289	3R1Z	.59

1289

Smoke Alarm

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
12.6	....	304116	304116	23-670	11.95
11.2	....	....	TR431	23-671	7.95

304116 TR431

Miniature

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
1.4	T640-1	E640	RM640	23-1515	1.89
1.4	T675	E675	RM675	23-1521	Pkg. 2/1.19

RM675

RM640

Photo/Lighter

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
12.0	....	....	....	23-144	.49
1.35	....	EPX13	PX13B	23-470	.69

GP-23

PX13B

Speciality

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
7.0	T175	E175	TR175	23-601	3.89
1.4	T401	E401	RM401	23-660	.79
4.2	T133	E133	TR133	23-1523	4.69
8.4	....	E146X	TR146X	23-1527	4.49

RM401

TR175 TR146X TR133

Soldering Equipment for Quick and Easy Connections

75-Watt Lightweight Soldering Gun

£16.95

NEW FOR 83

Pull the trigger and the tip reaches full temperature in seconds. Flat back lets gun stand upright when not in use. Lightweight, comfortable to hold.
64-7000 ..... **£16.95**

Replacement tip for soldering gun above.
64-7001 ..... **69p**

Resin Core Electronic Solder

- ***Standard, Light or Special PC***

Choose standard, light duty or the special solder required for PC work.

Low as 89p

Package Size	Size	Use	Cat. No.	Each
5-oz. Handy Pak	.062	Standard	64-001	0.89
1.5-oz. Spool	.062	Standard	64-002	1.69
4-oz. Spool	.062	Standard	64-004	2.99
2.5-oz. Spool	.032	Light Duty	64-005	2.69
1.5-oz. Spool	.050	PC Work	64-006	1.39
½-lb Spool	.062	Standard	64-007	4.99

Quality Soldering Irons

A £8.95

£9.95 B

- ***Makes Soldering Fast and Easy!***

Soldering irons feature steel barrels and special heating elements with mica insulation in ceramic, and unbreakable heat-resistant handles.

A 15 watt soldering iron with special "Long Life" heating element. Stay cool grip. 2.5mm tip. Operates on 240v mains. **64-9016** **£8.95**

Tips for the above.
64-9017 ..... **Each 99p**

B 40 watt soldering iron with 6.3 mm wide, flat and bent heating element. Operates on 240v mains. **64-9014** **£9.95**

Tips for the above.
64-9015 ..... **Each 99p**

Precision Miniature Soldering Iron

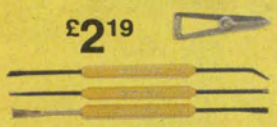
£8.95

A high-precision soldering iron, small in size but great in performance! Length 7". Temperature 360° C. Operated on 240v mains.
64-9018 ..... **£8.95**

Tips for the above.
64-9019
Each 99p

4-Pc. Soldering Tool Kit

£2.19



Includes heat sink, brush/scraper, pointed, slotted probes. **62-2227** **£2.19**

Soldering Iron Holder & Cleaner

£3.49

Removes excess solder, keeps tin clean.
64-2078 ..... **£3.49**

Clean-Tip Sponge

£1.35

Coil holds iron, sponge pad keeps tip clean.
64-2087 ..... **£1.35**

Pre-Cut Tape Solder

Pkg. of 100 **99p**

Solder With A Match

Wrap tape around twisted wires, heat with match or other flame for a good connection.
64-010 ..... **Pkg. of 100/99p**

Solder Cream

£1.59

- ***Just Squeeze On and Heat!***

Instantly joins copper, brass, tin, iron, steel, nickel, zinc and silver. Ensures permanent bright joints.
64-011 ..... **£1.59**

Soldering Tip Pad

£1.59

Soldering top wiping pad reduces fuming and leaves more clean solder on tip, saving wastage. No cooling of soldering tip temperature.
64-9901 ..... **£1.59**

Desoldering Braid

£1.49

Easy way to repair or revise circuits. Use with soldering iron. 5' roll. **64-2090** ... **£1.49**

Vacu-Bulb

£2.29

Teflon Tip

Takes up solder safely, easily. No splattering, easy to clean, won't mar connections. **64-2086** **£2.29**

Desoldering Tool

£5.99

Just set the plunger and you're ready for instant, powerful desoldering, even on large solder connections.
64-2085 ..... **£5.99**

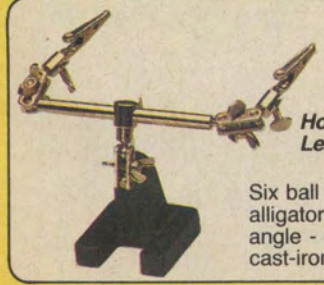
Mini Desoldering Tool

£4.69

- ***No-Stick Spout!***

The "Snortini" pump makes it easy to desolder and rework miniature and microminiature circuits.
64-2091 ..... **£4.69**

"Helping Hands"



£5.95

Holds Work in Any Position Leaving Both Hands Free

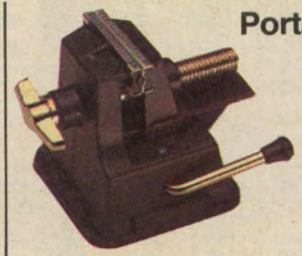
Six ball joints and two nickel-plated alligator-type clamps adjust to any angle - really simplifies work! Solid cast-iron base. **64-2093** **£5.95**

Soldering Tweezer

£1.99

Blunt, self-closing serrated points. 6½" long.
64-1915 ..... **£1.99**

Portable Mini-Vice



£1.99

Handy for holding parts during on-the-spot soldering, gluing, drilling. Positive vacuum attachment for instant mounting on any smooth, non-porous surface. **64-2094** **£1.99**

ARCHER™ SOLDERING ACCESSORIES COMPLETE YOUR WORKSHOP

Quality Archer™ Tools For Your Home and Workshop

Long and Needle Nose Pliers

A 5" **long-Nose.** Drop forged for long durable life, polished. Insulated grips for electrical work. **64-1843** £2.39

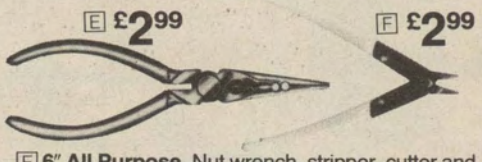
B 6½" **Needle Nose.** Long lasting hardened steel. Comfortable insulated grips. **64-1844** £2.39

Diagonal Wire Cutters

C 4½" **Diagonal.** Slips in those hard to get at places. Insulated grips. **64-1841** £2.59

D 6" **Diagonal.** Durable enough for those tough jobs. Hardened steel,insulated grips. **64-1845** £2.19

Pliers for Special Jobs



E 6" **All Purpose.** Nut wrench, stripper, cutter and crimper. Insulated. **64-1847** £2.99

F 5" **Nippy Cutters.** Flush-cutting design lets you cut leads close to PC boards. Super for your bench! **64-1833** £2.99

Professional Quality Tools for Long Service at a Reasonable Price

A 6¼" **Long-Nose Pliers.** Drop forged chrome steel. Comfortable insulated grips. **64-1810** £3.99

B 6¼" **Diagonal Cutters.** Durable chrome steel. Comfort-contoured insulated handles. **64-1811** £3.99

C 5¼" **Micro Long Nose.** Top grade steel, spring return, insulated grips. **64-1812** £3.99

D 4½ **Micro Diagonal Cutters.** Spring return, long-lasting top-quality steel. Insulated grips. **64-1813** £3.99

All Purpose Metric Crimping Tool

£4.99 Use on insulated or non-insulated type of terminal or connector. Slices 8 bolt sizes. **64-9268** £4.99

All Purpose Crimping Tool

£2.59 Cuts, strips wire and slices bolts. Easy to use with "sure grip" insulated handle. **64-405** £2.59

Dial-Type Stripper Cutter

£2.89 Spring loaded stripper and cutter has plastic cushioned grips. **64-9517** £2.89

Automatic Wire Stripper

£6.49

- *Insulated Handle*

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long. **64-1919** £6.49

Mini Drill

£2.19

- *Only 3¾" Long*
- *Complete with 2 Drills in Handle*

Ideal for drilling printed circuit boards and light materials. Moulded body is lightweight, rugged. **64-2097** £2.19

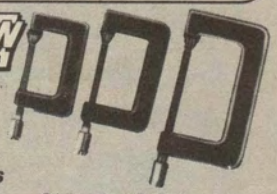
Locking Long Nose

£3.29

- *Use As Wrench, Pull Broken Keys, Install Tiny Springs*

Does more jobs, faster and easier, than other long nose pliers. Cut heavy wire, pull cotter pins – countless uses! Length 7". **64-1864** £3.29

Mini "C" Clamp Set

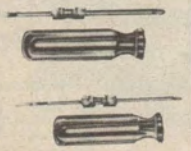


£1.79 Set of 3

Small Size is Perfect For Precision Projects

Three sizes of opening – ¾", 1", 1⅞". Leaves hands free while glueing, soldering, drilling. Sturdy die-cast metal. **64-2096** ..... Set of 3 £1.79

2-in-1 Reversible



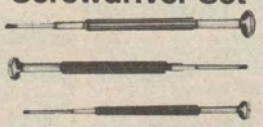
A £2.89

B £3.19

A **No. 1-Phillips & 3/16" std.** **64-1950** £2.89

B **No. 2-Phillips & ¼" std.** **64-1951** £3.19

3-Piece Mini Screwdriver Set

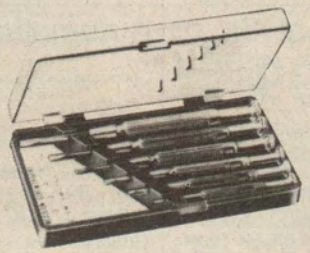


£1.39

- *Includes Pouch*

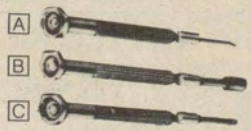
Swivel heads. Fix eyeglasses and delicate instruments. **64-1982** £1.39

Precision Tool Sets With Fitted Cases



A **Screwdriver.** Six precision screwdrivers, sizes 1-6. Chrome-plated brass handles, swivel tops. Widths 0.8 to 3.8 mm. **64-1948** £2.99

B **Nut Drivers.** Set of five with swivel tops, chrome-plated brass handles, torque bar. **64-1957** £3.29



C **Crosspoint and Hex Keys.** Set of five with two crosspoint screwdrivers, three hex key wrenches, torque bar. **64-1958** £2.99

Magnetic Screwdriver

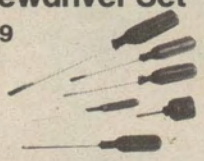
NEW FOR 83

£3.29

4-in-1, 9/32", 3/16" straight. 1-2 Phillips. ¼" nutdriver. **64-1954** £3.29

6-Piece Screwdriver Set

£5.49



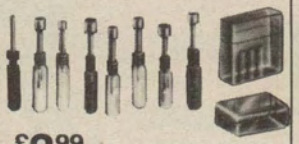
Hardened and tempered steel. Oil, moisture and acid resistant. In "Hang-Pack". **64-9515** £5.49

8-Piece Metric Nut Driver Set

Handy for Glovebox £3.99

Drivers fit into master "power handle". Tempered steel, rust-proof sockets. Sizes: 4.5, 5, 5.5, 6, 7.8, 9 and 10 mm. **64-9080** £3.99

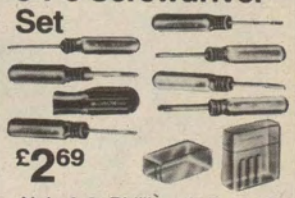
8-Pc Nutdriver Set



£3.99

Interchangeable drivers, tempered steel, ⅛", 3/16", 7/32", ¼", 9/32", 5/16", 11/32", ⅜". **64-1800** £3.99

8-Pc Screwdriver Set



£2.69

No's 0-2, Phillips, ¼", 3/16", ⅛" standard, scratchawl, gimlet, torque handle. **64-1835** £2.69

Archer™ Tools and Accessories for Home or Shop

Handy Nibbling Tool

£7.99

Remarkably quick and easy-to-use hand held sheet metal cutter. Cuts up to 18-guage steel, 1/16" copper, aluminium, and plastic. Made of hardened, tempered steel. Super for small or large projects!
64-823 ..... **£7.99**

Complete Labelmaker Kit

£5.49

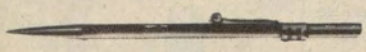
With Three Rolls of Tape!

Dial a character and squeeze to make self-sticking, waterproof, raised letter labels. Prints A-Z, 0-9, and punctuation. With 6 ft tapes in assorted colours.
64-526 ..... **£5.49**
Extra Tape. Two 3/8" x 144" rolls. **64-527** **£1.99**

Carbide-Tip Etching Pen

Mark Valuables For Identification

£1.39



Mark on glass, metal, tile, plastic. 5 1/8" long. With pocket clip.
64-1980 ..... **£1.39**

TV Alignment Tool Sets

A Eight hex ends. Two screwdriver tips, extender. **64-2220** **£1.89**
B Two tips, screwdriver and hex wrench. **64-2223** **89p**

6-Piece Hex Key Set

99p

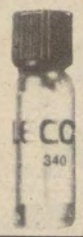
This folding hex key tool fits the six most popular hex key sizes.
64-1839 ..... **99p**

Hex Key Set

£1.69

Short arm sizes: 1.5, 2, 2.5, 3, 4, 5, 5.5 and 6 mm. Made of hardened steel. Safetly fixed to retaining ring.
64-9531 ..... **£1.69**

Electrically Conductive Silver Paint



£4.99

Can be painted on to metal, ceramics, glass, rubber, plastics. Evaporates leaving the silver bonded to the surface.
64-9025 ..... **£4.99**

Transfer Symbols

£1.75

• ***For PC Boards***

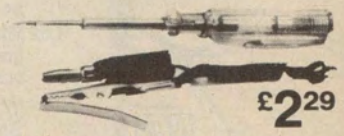
Each sheet includes several lines, points, 90° curves, transistor sockets and Dual-In line IC socket. 5 sheets.
64-9030 ..... **£1.75**

Fine Work File Set

£1.49

Available in most popular file sizes. Rapid cutting. Pouch included.
64-1838 ..... **£1.49**

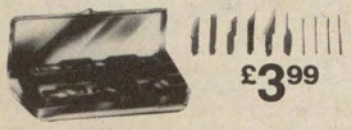
Auto Tester



£2.29

For all cars with 6 or 12v electrical systems. Isolated clips. Complete with cable and test probe.
64-9085 ..... **£2.29**

Precision Knife Set



£3.99

Ten multi-purpose interchangeable precision ground steel blades for delicate cutting operations. With case.
64-1801 ..... **£3.99**

Miniature Utility Knife

£1.89

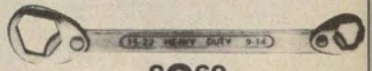
Blade locks in four positions. For cutting, scoring, or trimming. Safe for pocket. Handles any chore! 2 5/8" long.
64-1852 ..... **£1.89**

Pocket Knife Sharpener

£1.99

Pull blades through crossed carbon steel tips for maximum sharpness. For straight, scalloped or serrated blades.
64-1860 ..... **£1.99**

Versatile Multi-Wrench



£2.69

Even handles even rusty nuts and bolts from 3/8" to 13/16". 9mm to 22mm. Automatically adjusts! 8 1/2" long. **64-1863** **£2.69**

6-In-1 Mini Tool Kit

45p

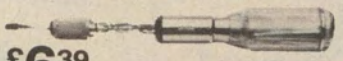
Includes a bradawl, two standard screwdrivers, a crosspoint screwdriver and a gimlet. Handy plastic case.
68-1003 ..... **45p**

4-In-1 Tool Kit

99p

3 screwdrivers (2 flatheads, 1 crosspoint) and awl. Each has precision tip with durable plastic chuck handle. **64-1819** **99p**

Automatic Screwdriver

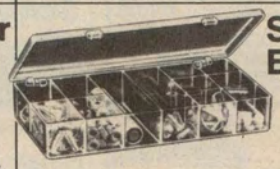


£6.39

6 Blades, 2 Screwdrivers, 1 Nutdriver and 3 Gimlets

Just push up or down the three-position slide switch, and the blade is rotated in the desired direction.
64-9082 ..... **£6.39**

Storage Boxes



From 89p

Size	Sections	Cat. No.	Each
8 1/2x4 3/4x1 1/2"	6-18	64-552	£2.29
4 3/8x2 5/8x1"	6	64-553	.89
11 1/4x6 1/2x2 3/8"	5-15	64-554	£3.99

Electronic Contact Cleaner

£1.59

Non-flammable, non-toxic, non-corrosive. Safe on plastic, rubber, paints and metal. 95 gr.
64-9026 **£1.59**

Electro Cleaner

99p

Cleans and protects against corrosion, ideal for electrical equipment. 95 gr.
64-9027 .... **99p**

Protective Acrylic Spray

£1.69

Prevents arcing, rust, corona shorts, pitting. 6 oz.
64-2317 ..... **£1.69**

Rosin Flux Remover

£1.69

Removes flux deposits from electrical/electronic circuits. 6 oz.
64-2324 **£1.69**

Cleaner Degreaser

£1.99

Sprays away oil and grime from circuitry and components. 8 oz. **64-2322**
£1.99

Silicon Lube

£1.65

Fight Corrosion!

Spray lubricates surfaces of most materials.
64-2310 **£1.65**

Tandy® Quality Hardware For Every Project

Instant Bonding Glue

99p

All-purpose adhesive bonds non-porous material easily, in seconds. Plastic nozzle tip.
64-2308 ..... **99p**

"Twin-Tube" Epoxy

£2.19

Dual tubes automatically mix and measure to fix things fast!
64-2313 ..... **£2.19**

Silicone Rubber Sealer

£2.99

Bonds, seals, caulks. Applies evenly and quickly - moisture resistant.
64-2314 .. **£2.99**

10,000 Volt Dielectric Tape

69p

Roll Size	Cat. No.	Each
1/2" x 12 1/2'	64-2348	.49p
3/4" x 20'	64-2349	.69p
3/4" x 66'	64-2350	£1.29

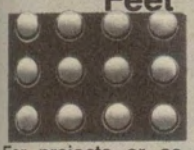
Double-Sided Foam Tape

10-Ft. Roll

£1.79

Ideal for fastening accessories to car dash, pictures to walls etc. 3/4" wide.
64-2343 ..... **£1.79**

Cushion Feet

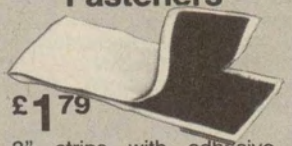


Pack of 12

69p

For projects or as replacements for radios, calculators, clocks. Adhesive backing.
64-2346 ..... **69p**

Hook-and-Loop Fasteners



£1.79

3" strips with adhesive backing for fixing items to car dash etc.
64-2345 ..... **£1.79**

Double-Sided Foam Tape Strips

Pack of 8

£1.79

Eight 1x3" strips instantly fasten pictures to walls etc..
63-2344 ..... **£1.79**

All-Purpose Tape

£1.99

For Home, Car, Boat, Shop or Office

Watertight, airtight, unaffected by normal heat cold or damp weather. 2" x 30'.
64-2347 ..... **£1.99**

Electrical Tape In Handy 5-Pack

Pack of 5

£1.99

Vinyl tape colour-codes electrical connections etc.. 3/4" x 12'. **64-9530** **£1.99**

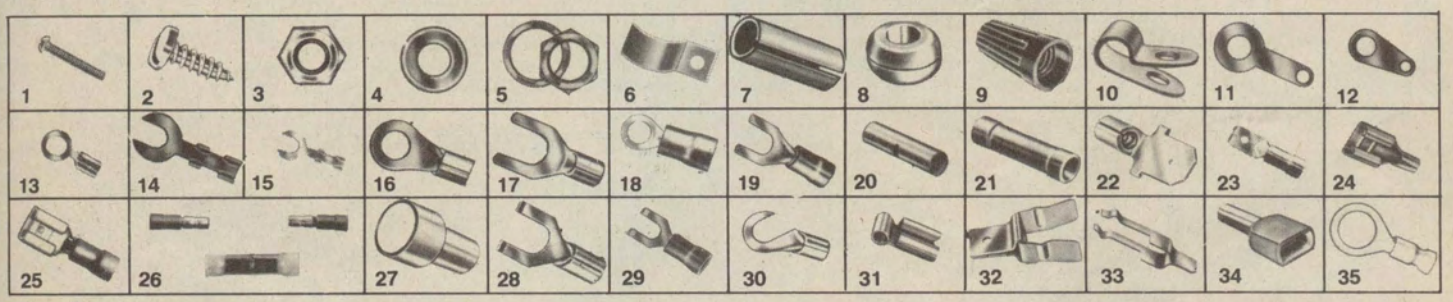
Hardware in Handy "See-Through" Packs

Huge Variety! Types for All of Your Home, Shop And Automotive Needs

- *42 Types*
- *Corrosion Protected*

Only **89p** Per Pack

Do-it-yourself projects and repairs go easier with the right hardware. These items are packaged in clear plastic at the factory so you can see what you're getting and be assured of highest quality with every purchase. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!



1. Round-Head Machine Screws.
64-3010 14 Each: 2-56 x 1/4", 1/2", 3/4".
64-3011 14 Each: 4-40 x 1/4", 1/2", 3/4".
64-3012 14 Each: 6-32 x 1/4", 1/2", 3/4".
64-3013 10 Each: 8-32 x 1/4", 1/2", 3/4".
2. Pan Head Sheet Metal Screws. 5 Each: #4 x 1/2", #6 x 1/4", 3/8", 1/2", #8 x 1/4", 3/8", 1/2". **64-3016**
3. Steel Machine Hex Nuts.
64-3017 40 Each 2-56.
64-3018 30 Each 4-40.
64-3019 30 Each 6-32.
64-3021 30 Each 8-32.
4. Steel Flat Washers. 20 Each: #2, #4, #6, #8, #10. **64-3022**
5. Control Nuts. 8 Each: 3/8"-32, 15/32" - 32 and 7 of 475"-32. **64-3020**
6. Metal Cable Clamps. 10 Each: 3/32", 5/32", 1/4". 5 Each: 5/8". Pkg. of 35. **64-3023**
7. Aluminium Spacers. 2 Each: 1/4", 1/2", 3/4", 1" sizes for #4, #6 and #8 screws. 24-pack. **64-3024**
8. Vinyl Grommets. 7 Each: 1/4", 5/16", 3/8". 5 Each 7/16". 1/2". **64-3025**
9. Wire Connectors. 16 assorted connectors for wire sizes # 18 thru' #12. **64-3026**
10. Polypropylene Cable Clamps. 6 Each: 1/8", 3/16", 1/4" cable diameter. **64-3028**
11-15. Solder Lugs. 40 pieces, #6, #8, #10, mounting holes. **64-3029**
16. Solderless Ring Tongue. 6 Each #6, #8, (22-18) wiresize #6, #8 (6-14) **64-3030**
17-19. Solderless Spade. Insulated spade. (26-24): 2 Each: #4 and #6, **64-3042**
17. Solderless # 10 spade Tongue. 12 Each: (22-18), (16-14). **64-3034**
18. Solderless Insulated Ring Tongue: 4 Each: #6 (22-18): 2 Each: #8 (22-18): #6 and #8 (16-14). **64-3032**
19. Solderless Insulated #10 Spade Tongues. 5 Each: 22-18, 16-14. **64-3035**
20. Butt Connectors. 10 Each: 22-18, 16-14. **64-3036**
21. Insulated Butt Connectors. 5 Each: 22-18, 16-14. **64-3037**
22.23. Male Quick-Disconnects. 2 of 3/16", 4 of 1/4", 2 Each insulated 3/16", 1/4". **64-3038**
24.25. Female Quick-Disconnects. Assorted as above. **64-3039**
26. Bullet Connectors. Insulated. Three 2-Way receptacles. Six snap-lugs. **64-3047**
27. Nylon Insulated Closed-End Connectors. 5 Each: (22-14), (16-10). **64-3041**
28. Solderless Flanged Spade: 6 Each: (22-18) #6 and #8 (16-14) #6 and #8. **64-3043**
29. Solderless Insulated Flanged Spade. 4 Each: #6 (22-18), 2 Each: #(22-18), #6 and #8 (16-14). **64-3044**
30. Solderless Hook-Tongue Terminals. 6 Each: #6 and #8 (16-14), #6 and #8 (22-18). **64-3045**
31. Female Flags Quick Disconnect. 5 Each: 3/16" and 1/4". **64-3046**
32. Auto Fuse Tap. 3 sets. **64-3048**
33. Auto Plastic Fuse Top. 3 sets. **64-3027**
34. Solderless Insulated Male/Female Quick-Disconnects. (22-18, 16-14 wire size) 1/4" tabs. 4 sets. **64-3049**
35. Insulated Large Ring Tongues. 2 Each: 1/4", 3/8", 1/2" stud. Sizes #16-10 wire range. **64-3040**

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£1.69

Spray on resistors, capacitors, etc. to chill and spot thermally defective parts. 6 oz.
64-2321 . **£1.69**

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£1.69

For Every Handyman

Valuable assorted items for every hobbyist or experimenter. **64-2890** **£1.69**

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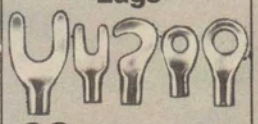
Taps. For 18 to 14-ga. wire. **64-3052**
Pkg. of 10/£1.69
Insulated Butt Connectors. For 14 to 16-ga. wire. **64-3053** **Pkg. of 10/£1.69**

Solderless Lugs



99p *5 Popular Styles*

Twenty each of ring, hook, tongue large/small spade tongue in each package.
64-406 ..... **99p**

Ceramic Magnets

28.6mm Round
64-1885

25 x 16 mm Rectangular
64-1875

Each	10-25	26-95	100 up
15p	14p	13p	12p
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Pkg of 40

69p

Say "goodbye" to hazardous loose wires! Ideal for tacking wires along skirting boards, walls. **64-2875**
..... **Pkg. of 40/69p**

THERE'S A TANDY STORE OR DEALER NEAR YOU - WHEREVER YOU ARE!

Digital Multimeters for Accuracy You Can Depend On

3½-Digit LCD Autoranging Multimeter The DVM That "Thinks"

£64.95 NEW FOR 83

- *Range Hold Function Overrides Autoranging Circuit*
- *"Beep" Continuity Check - A Real Time-Saver*
- *Tests Diode and Transistor Forward Conduction*

You choose the function, *it* selects and displays the range automatically - even if the test leads are connected backwards! Features user-selectable "beep" continuity and range-change indicator. Zero-adjust button compensates for lead and fuse resistance for highly accurate low-resistance measurements. Low-battery and overrange indicators. Measures up to 1000 VDC, 500 VAC, 200 mA (both AC and DC), 2 megs reistance. Microprocessor circuit discriminates between AC and DC input. Accurate to within ± 1 digit. Handle doubles as stand. 6⅜ x 3½ x 1³/₁₆". Spare fuse and test leads included. Requires two "AA" batteries. **22-192** **£64.95**

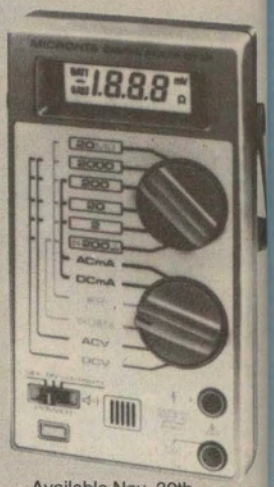
Available Oct. 30th

21-Range Multitester

NEW FOR 83 **£54.95**

- *3½ Digit Display*
- *Audible "Beep" Continuity And Range-Change Indicator*

Audible continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust for low-resistance measurements. "Diode check" allows testing of diodes and transistors. Overload protected in all ranges. DC Volts: 200 mV-2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V). Accurate from 45 Hz to 10 kHz. 200mA, AC and DC. Resistance: 200 ohm-2k-20k-200k-2 megs-20 megs. 6⅜ x 3½ x 1⅜". With spare fuse and test leads. Requires two "AA" batteries. **22-191** **£54.95**



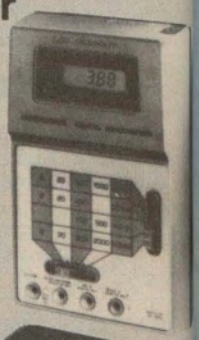
Available Nov. 30th

13-Range LCD Multimeter

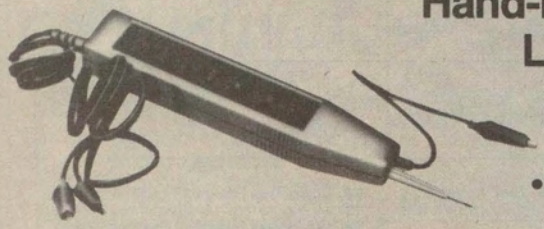
- *3½-Digit Display*
- *10-Megohm Input*

£49.95

Digital accuracy at a practical price. Features easy-to-see. 25" display, auto polarity, overrange indicator and auto zero-adjust. AC Volts: 200-2000 (500V max.). DC Volts: 2-20-200-2000 (1000V max.). DC Current: 2-20-200 mA. Resistance: 2k-20k-200k-2 megs. Overload protected. 3⁵/₁₆ x 3⅛ x ¹⁵/₁₆". With leads and pouch. Requires 9v battery or mains adapter. **22-197** **£49.95**
Mains Adapter. 270-9551 ..... **£9.49**



Hand-Held Digital Logic Probe



£15.95

- *Obtains Power From Circuit Being Tested*

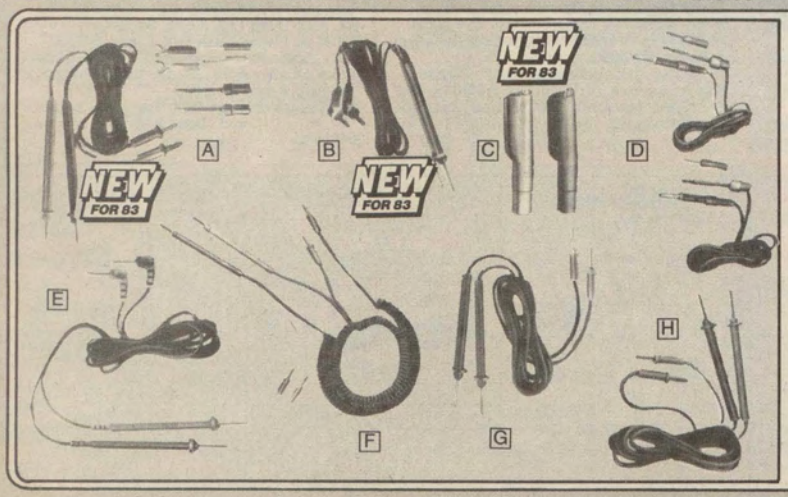
Diagnose any digital circuit. Indicates high, low, or pulsed (to 10 MHz) logic states. Minimum detectable pulse width is 50 ns. Tests almost every logic family including TTL, LS, CMOS, DTL. Overload and reverse-polarity protected. 7 x ¾ x 1⅛". 34" leads. **22-301** **£15.95**

Microwave Leakage Detector

£8.95

- *Checks Microwave Oven Door Seals*

Compact and light, easy to use - move along the door seals and meter indicates the relative amount of microwave energy. **Not a certification instrument.** 1¹/₁₆ x 1⅞ x 4½". **22-2001** **£8.95**



Archer Test Leads, Clips and Test Lead Set

A **9-Piece Test Lead Set.** Finger guard for safety. Includes hook-clips, spade lugs, banana plugs and phone tips. Case included.
270-333 ..... **Set/£3.99**

B **Right-Angle Banana Test Leads.** Best for getting around corners. 36" leads, one red, one black. **278-713** ..... **Pair/£1.59**

C **Insulated Alligator Clips.** One red, one black. Probe tips.
270-354 ..... **Pair/ .79**

D **Mini Clip Test Leads.** One red, one black. **278-1160** .... **Pair/£2.49**

E **Right-Angle Pin Tips With 36" Leads.** Has 4¾" long probes.
278-712 ..... **Pair/£1.29**

F **6-Ft. Coiled Test Leads.** Colour coded, solderless probes with banana plugs. Fit most multi-testers. **278-750** ..... **Pair/£2.99**

G **36" Leads With Pin Tips.** One red, one black. 4¼" long probes.
278-705 ..... **Pair/£1.99**

H **Banana Plugs With 36" Leads.** 4½" long probes. One red, one black.
278-704 ..... **Pair/£2.39**

MICRONTA MULTITESTERS MEET EVERY NEED!

Reliable Multitesters by Micronta™ - Your Best Value

21 Ranges - 30,000 Ohms/Volt

Available Oct. 30th

£44.95 NEW FOR 83

- *Fused and Overload Protected*
- *Big 5" Colour-Coded Scale*

Features "beep" continuity function and easy access to battery and fuse compartment. DC Volts: 0 to 1000, 7 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0-1-10k-1-10 megs. (Centre Scale 10). dB: -20 to +62 dB, 5 ranges. Accuracy: ±3% DC, ±4% AC 6 11/16 x 5 7/16 x 2 5/8". With instruction manual. Requires one 9V, one "C" battery.

22-210 ..... **£44.95**

43 Ranges - 50,000 Ohms/Volt

£29.95

- *Volts/Amps "Range-Doubler"*
- *4 1/4" Mirrored Scale*

Perfect addition to your toolbox - use around the house, for the car, on the job. Convenient single-knob function switch, plus mirrored scale to prevent misreadings due to parallax. DC Volts: 0 to 1000, 12 ranges. AC Volts: 0 to 1000, 8 ranges. DC Current: 0 to 10 amps, 10 ranges. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 ohms centre scale). Decibels: -20 to +62, 8 ranges. Accuracy: ±3% DC, ±4% AC. 6 11/16 x 4 7/8 x 2". Requires one "AA", one 9V battery.

22-204 ..... **£29.95**

27 Ranges - 30,000 Ohms/Volt

£24.95

- *Colour-Coded 4" Mirrored Scale*

Features output jack and DC polarity reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0-10 amps, 5 ranges. Resistance Rx1, Rx10, Rx1000, Rx10,000 (10 ohms centre scale). dB: -10 to +62, 5 ranges. Requires one "AA", one 9v battery. 6 1/4 x 4 1/2 x 1 3/4". **22-203** **£24.95**

25 Ranges - 20,000 Ohms/Volt

- *Output Jack for AC-or-DC Testing*

£18.95

Single-knob range switch with "off". Easy to read 4" mirrored scale. DC Volts: 0 to 1200, 7 ranges. AC Volts: 0 to 1200, 5 ranges. DC Current 0 to 300 milliamps, 4 ranges. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 ohms centre scale) dB: -20 to +63, 5 ranges. Accuracy: ±3% DC, ±4% AC. 5 1/2 x 3 7/8 x 1 1/2". Requires one "AA" battery.

22-202 ..... **£18.95**

18 Ranges - 20,000 Ohms/Volt

£15.95

- *Big-Meter Features at A Little Meter Price!*

Features range selector with "off" position, 3" meter, mirrored and colour-coded scale. DC Volts: 0 to 1000, 5 ranges. AC Volts: 0 to 1000, 4 ranges. DC Current: 0 to 250 milliamps, 2 ranges. Resistance: Rx1, Rx10, Rx1000 (24 ohms centre scale) dB: -20 to +62, 4 ranges. Accuracy: ±3% DC, ±4% AC. 5 1/8 x 3 1/2 x 1 7/16". Requires "AA" battery. **22-201** **£15.95**

8-Range - 1000 Ohms/Volt Pocket Tester

- *Keep One in Your Glove Compartment!*

£7.95

Compact size makes it perfect for shop, car or home! Has 2" meter, mirrored scale to prevent parallax, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. Current: 0-150 mA, DC. Resistance: Rx1000 (100,000 ohms, full scale). 3 1/2 x 2 5/16 x 1 1/4". Requires "AA" battery.

22-027 ..... **£7.95**

Dynamic Transistor Checker

£9.95

- *Tests PNP and NPN, Silicon and Germanium*

Makes Go/No-Go tests on small-signal and power types and permits matching of similar transistors. Indicates relative current gain, "opens", "shorts." Socket plus hook-clip leads for in-circuit tests. Output jacks for external meter or scope. 2 3/4 x 4 3/8 x 1 3/16". Requires "AA" battery.

22-025 ..... **£9.95**

Tester Carrying Cases

Low As **£3.49**

Enough Room for All The Essentials!

Safeguard your multimeter with this convenient carrying case. Enough space for your leads, manuals, and extra batteries.

Use With Tester No.	Cat. No.	Each
22-203/204/191/192	22-153	4.49
22-201/202/197/027	22-154	3.49

Meter not included.

ALL VOM'S INCLUDE COLOUR-CODED TEST LEADS AND INSTRUCTION MANUALS

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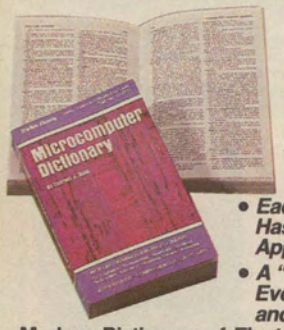

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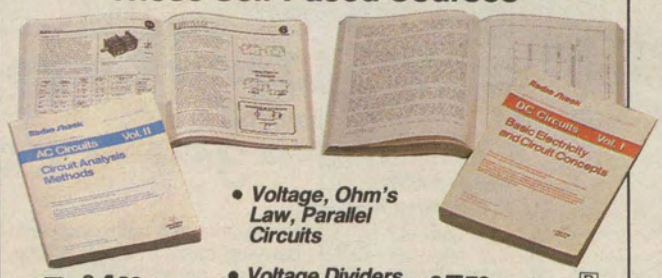

- *Voltage, Ohm's Law, Parallel Circuits*
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Six Instruction Tapes!

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TANDY® MANUALS ARE WRITTEN BY EXPERTS

Save Time and Steps With an FM Intercom

Our Finest 3-Station 2-Channel System

£84.95 Set of 3

- *"Call-Tone" Station Signals*
- *Phase-Locked Loop for Clear On-Channel Communications*

Our finest and most versatile SELECTaCOM™. Frequency modulation and automatic squelch reduce interference and background noises. Touch-sensitive electronic "talk" controls. Touch-talk plate has lock position for continuous talking or monitoring. Each station has volume control, A/B channel selector. Just plug into mains and talk! 1¾ x 6½ x 5½".
43-214 ..... **£84.95**

Deluxe 2-Station System

- *"Beep" Call Tone*
- *Adjustable Squelch*

£49.95 Pair

Easy-to-use - just press the Talk-Bar to speak, and the Lock-Bar for hands-free talking or continuous monitoring. Lighted talk-bar doubles as a night light. Each station has an adjustable squelch for silent operation until a message is received. Plug each station into any mains outlet. 1¾ x 6¾ x 4¾".
43-212 ..... **Pair £49.95**

Big Value in a 2-Station System

- *Compact - Ideal for Desk*

£39.95 Pair

Use from house to garage, upstairs/downstairs! Easy to install - just plug into mains outlets. Call-Tone lets you alert other station. Talk-Bar has lock position for hands-free talking or continuous monitoring. Stations have volume control LED "on" indicator. Just 1⅞ x 5⅞ x 4" each.
43-207 ..... **Pair £39.95**

3-Station,2-Channel System With "Call-Tone" Signal

£64.95 Set of 3

- *Use on a Desk. Or Mount on the Wall!*

A top value! Two-channel system lets you talk with either station without disturbing the other. Squelch control can be adjusted for quiet operation - even in "noisy" locations. Each station has a Talk-Bar with Lock position for hands-free talking or continuous monitoring, Call-Tone button to alert other stations, channel selector, volume control. Keyhole slots on rear permit wall mounting. 1¾ x 3½ x 6⅞" each. Mains operated. **43-217** ..... **Set of 3 £64.95**

"Babysit" From Another Room - It's A One-Way "Intercom", Too!

£29.95 Pair

Ideal for monitoring a child's room. FM system minimizes interference/receiver remains silent until the transmitter picks up a sound. The transmitter has on/off switch, and the receiver has on/off volume control Just plug in! 220/240v AC, 50 Hz.
43-208 ..... **Pair £29.95**

- *FM for Minimized Interference*

Tandy Wired Intercoms For More Versatility

Battery Powered Intercom System

£9.95 Pair

- *Check Callers At Your Door*

Talk home to garage or office to office. Desktop or wall-mounting units. With 66' connecting cable. Requires 9v battery. **43-221** **£9.95**

4-Station Battery Powered Intercom System

- *Remotes can Signal Master - Even When System is "off"*

£19.95 Set of 4

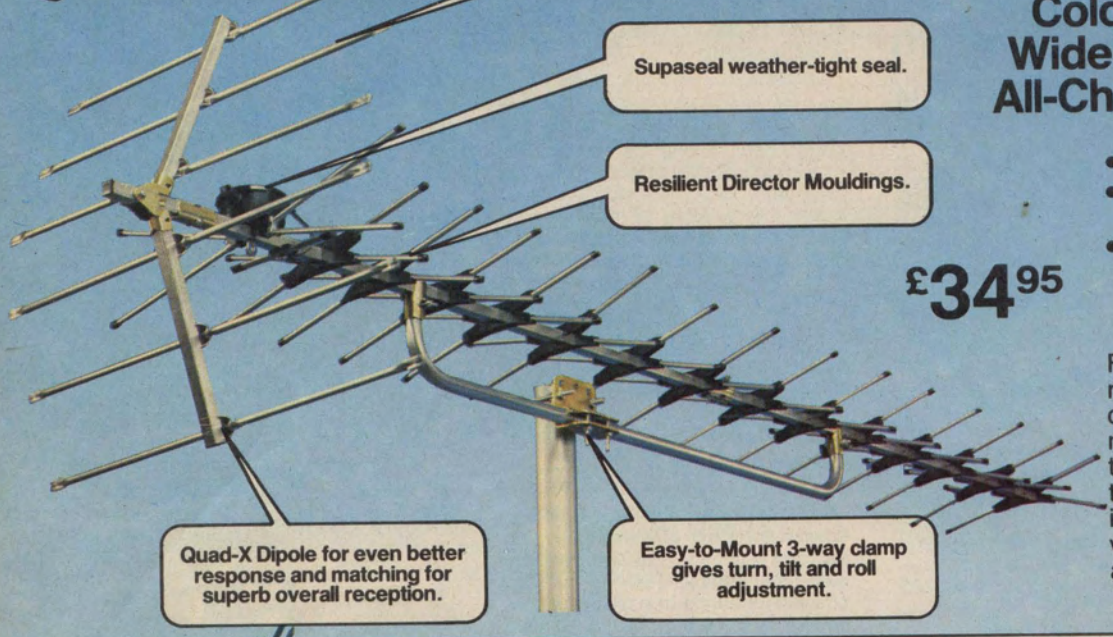
Selector knob on master unit chooses one of three stations or standby. Press the talk bar on any remote station to signal master: Complete with three 66' cables. Requires one 9v battery or mains adapter. **43-216** **£19.95**

Tandy's® Most Powerful UHF Aerials!

UHF COLOUR

ARCHER™

Colour X-Tend 14 Bay Wideband Multi-Director All-Channel UHF TV Aerial



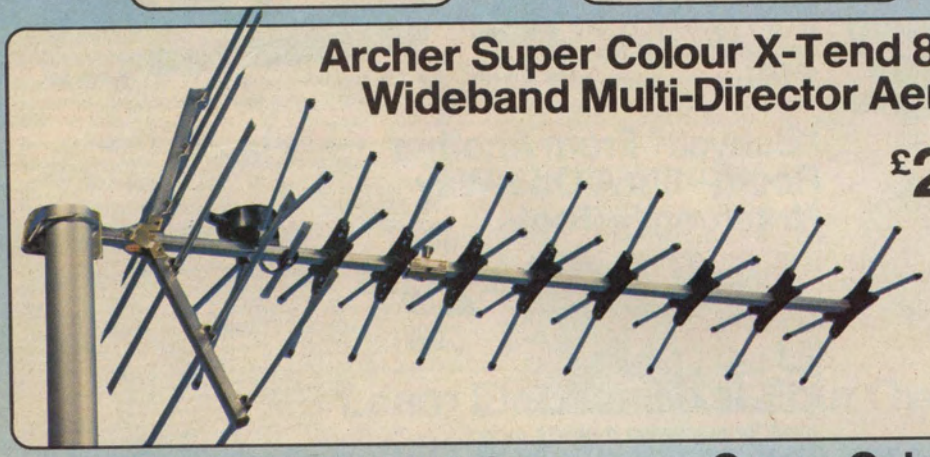
- *Extra Forward Gain (Up to 17 dB)*
- *Extra Directivity for Combating Ghosts and Interference*
- *Extra Accurate Matching - No Wasted Signal on Downlead*

£34.95

For use with rotator or for wideband reception (e.g. fourth programme reception in Group E areas) - you cannot beat Archer Colour X-Tend for true colour reception. Highly directive to prevent ghosting and maximise performance. May be rolled for vertical alignment. Install it yourself and save time and money!

15-9309 ..... **£34.95**

Archer Super Colour X-Tend 8 Bay Wideband Multi-Director Aerial



£22.95

- *Excellent Directive Properties for Combating Interference and Ghosting*
- *Accurate Matching*
- *Up to 14.5 dB Gain*
- *A Power-Packed All Channel UHF TV Aerial*

Can be used with rotator or for wideband reception (e.g. for fourth programme reception in Group 'E' areas). Compact, highly directive aerial minimises ghosting and maximises performance. Put it up yourself and sit back for hours of trouble-free viewing. **15-9308** **£22.95**

10 Element Lightweight UHF Aerial

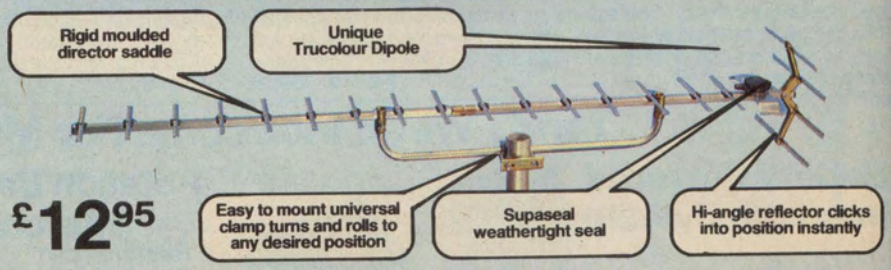
£4.99

- *The Ideal Aerial For Strong Signal Areas*

The investment is small, but the results often dramatic ... this ten-element antenna is ideal for strong signal areas. Installs easily in the loft or the roof with just a wrench and screw-driver. Waterproof junction box.

15-9332 Channel Group A **£4.99**
15-9333 Channel Group B **£4.99**
15-9334 Channel Group C/D **£4.99**

Super Gain 18-Element UHF Aerial



£12.95

End the frustration of interference on your favourite TV programme with this superbly designed aerial and enjoy better reception on all channels all the time! Tandy saves you installation costs too, as your aerial is supplied complete with instructions for easy installation. Nominal forward gain: 14.7 dB.

15-9275 Channel Group A **£12.95**
15-9276 Channel Group B **£12.95**
15-9277 Channel Group C/D **£12.95**

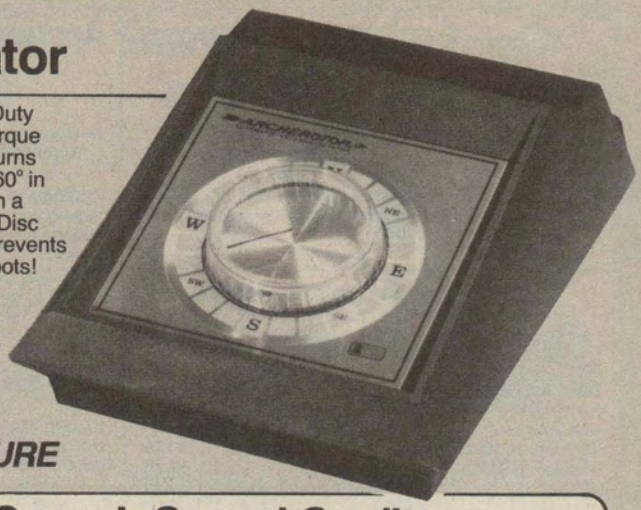
Archer™ TV/FM Accessories Improve Reception

Archerotator Automatic Aerial Rotator

- *Dial any Direction - Your Aerial Follows Auto matically in 3° Steps*
- *Lifetime Lubricated Motor*

£69.95

Heavy-Duty High-Torque Motor Turns Aerial 360° in less than a minute! Disc Brake Prevents Overshoots!



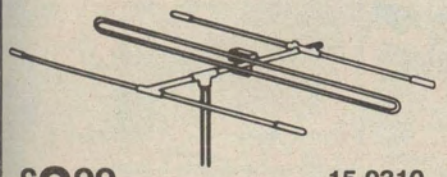
Archerotator Automatic Aerial Rotator. The stylish control cabinet features a "moving light" that's synchronised with your aerial and shows the exact aerial direction in 3° steps. Simply dial any direction - your roof aerial follows. The powerful motor is lifetime lubricated, has positive worm-drive and high-strength aluminium housing. It will accept masts from 1¼" to 2⅛". 220/240v AC.

15-1225		**£69.95**
15-1149	50 ft. 20-Guage Rotator Cable	**£3.99**
15-1150	100 ft. 20-Guage Rotator Cable	**£6.99**

TAKE AIM AT THE BEST PICTURE

ARCHER™ FM Aerials Guarantee Superb Sound Quality

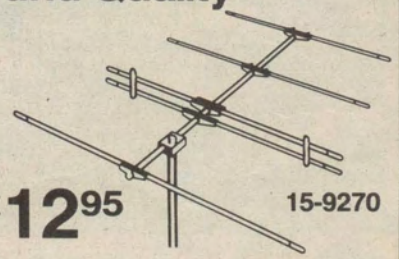
Present day technology is capable of giving sound quality on radio which is superior to anything you may have heard on tape or record. However, this performance is largely dependent upon the level and quality of the signal fed into the FM tuner. So for first class results you need a first-class aerial.



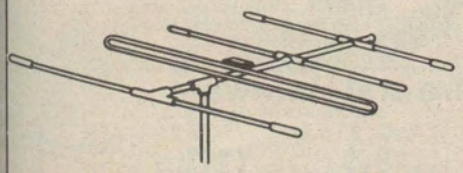
£8.99 **15-9310**

High-quality Archer 3 and 4-element FM aerial in extruded aluminium alloy. Both are easily mounted on the roof or in the attic. Strong double J-bolt mast attachments fit any size of mast.

15-9310	3-element, 5 dB gain	**£8.99**
15-9270	4-element, 7 dB gain	**£19.95**



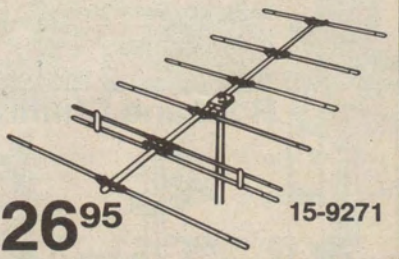
£12.95 **15-9270**



£19.95 **15-9311**

Specially designed elements and dipole give high gain over the entire FM band. High directivity cuts out unwanted signal reflections which cause distortion. Use with a rotator or add it to your TV mast. Elements snap into position for easy assembly.

15-9311	4-element, 6.5 dB gain	**£12.95**
15-9271	6-element, 9.5 dB gain	**£26.95**

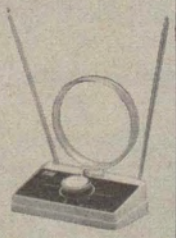


£26.95 **15-9271**

FM Stereo Antenna

£14.95 NEW FOR 83

- *Improves Channel Separation*



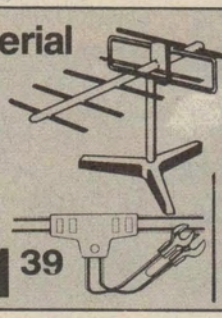
Cuts FM drift, improves selectivity and channel separation. Fine tuning knob.

15-1822 ..... **£14.95**

Archer Tele-Top Aerial

- *Covers All UHF Channels 21-68*

£5.95



Electrically isolated for safe handling. Easily adjustable for optimum results.

15-9342 ..... **£5.95**

FM Dipole Aerial

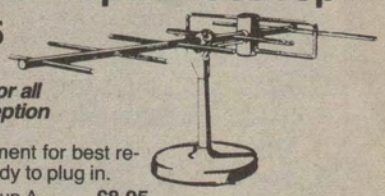
Attach to terminals for foolproof installation.

£1.39

42-2385 ..... **£1.39**

Our Most Popular Set Top

£8.95

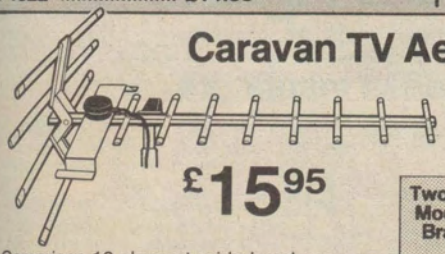


- *Suitable for all UHF Reception*

Easy adjustment for best reception. Ready to plug in.

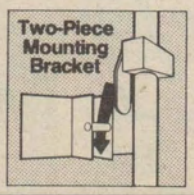
15-9234	Group A	**£8.95**
15-9235	Group B	**£8.95**
15-9236	Group C/D	**£8.95**

Caravan TV Aerial Kit



NEW FOR 83

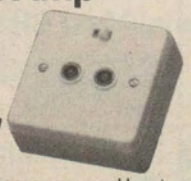
£15.95



Comprises 10 element, wide-band array covering all UHF channels. Two-piece mounting bracket for no-hole installation and instant mount/dismount for touring use. With 4 metre lead and plug. **15-7100** **£15.95**

Battery Powered Aerial Amp

£15.95



- *Triples Incoming UHF/TV Signals*

For portable TVs in caravans and boats etc. No-hole or screw mounting. 9v battery operated or 12v DC supply.

15-7200 ..... **£15.95**

7 Element Caravan Aerial

- *Ready-to-Plug-In*
- *7 Elements*

£9.95

Ideal for your caravan, boat TV set or permanent use at home. 7 element all-channel UHF aerial. Mounting brackets for permanent or no-hole fixing.

15-9335 ..... **£9.95**

Archer "Teleboost"

£19.95

• *Triples Incoming Signal Strength*

Covers all UHF TV channels for sharper pictures. Equally effective for colour or black and white. Just fix to wall with screws provided. Mains operation.
15-9344 ..... £19.95

Archer "Twin Set"

£18.95

• *Operates Two Sets Signal Strength*

Operates two TV sets from one aerial. Suitable for colour or monochrome across all UHF channels. Connects to aerial and set by standard TV plug. Mains operation.
15-9343 ..... £18.95

Archer Aerial Connectors

NEW FOR 83 NEW FOR 83

A **Coaxial Aerial Plug.** Suitable for standard or low loss coaxial cables for TV or FM. **15-9287** 59p
B **Coaxial Cable Socket.** Suitable for standard or low loss coaxial cable for TV or FM. **15-9291** 59p
C **Coaxial Cable Adapter.** A back-to-back socket for connecting and extending coaxial leads. **15-9286** 99p
D **Male/Female Extension Connector.** Makes hard to reach coaxial sockets more easily accessible. **15-7207** 39p
E **Angled Coaxial Plug.** Right-Angle Coaxial plug for greater convenience and semi-flush connections. **15-7206** 59p
F **MW/FM Aerial Plugs.** One DIN 45315 1EC Plug for MW and one DIN 45316 1EC plug for FM. **15-9120** 79p

In-Line Attenuators

£1.99

Used to reduce signal to your TV set, which becomes necessary when a close station provides too strong a signal for your aerial. FM, VHF or UHF.
15-9288. 18dB attenuation £1.99
15-9289. 6dB attentuation £1.99

TV Interference Filter

NEW FOR 83 £3.49

Plug-In filter kills interference from CB and also Taxis, Police etc. Does not degrade TV picture. Reduction greater than 50 dB at 27 MHz. **15-7205** £3.49

Low-Cost UHF Coaxial Cable

Copper screen covered. ¼" diameter, 75 ohms. Attenuation per 100 metres 7 dB at 100 MHz, 22 dB at 600 MHz. **15-9260** 39p

1-10m	11-25m	More than 25m
39 p/m	36 p/m	33 p/m

Coaxial Cable Extension Lead

NEW FOR 83 £9.95

Gives you the freedom to place your TV anywhere in the room without having to extend your aerial cable. 32' long.
15-9345 ..... £9.95

Flush Mount Sockets

A B C

A **Screw, terminals.** VHF/FM/UHF all suitable.
15-9295 ..... £2.69
B **2 Cable inputs and 2 coaxial socket outputs.**
15-9292 ..... £2.99
C **Pattrebox.** 28mm deep in white plastic.
15-9297 ..... £1.49

Flylead

To connect aerial socket (as above) to receiver input. Coaxial plug both ends. 1.8m long. Fully insulated. **15-9294** 89p

Surface Outlets

A B C

A **Double Surface Coaxial Outlet Box.** Two cable, input, two coaxial socket output.
15-9293 ..... £1.29
B **Single Surface Coaxial Outlet Box.** Screw terminals. **15-9296** 79p
C **Aerial Switch.** For switching TV or FM tuner from one aerial to another or one aerial downlead from one receiver to another. **15-9284** £1.49

75/300 Ohms Transformer

For matching 300 ohms input. FM receivers to standard 75 ohms coaxial cable. **15-9298** 99p

Resistive Splitter

NEW FOR 83

Plug-in resistive splitter divides signal equally between two receivers. Insertion less 6 dB (Nom.). **15-7202** £2.69

Combiner Splitter

NEW FOR 83

Plug-in low-loss unit for combining or dividing equally two TV or FM signals. **15-7203** ... £4.69

Plug-In VHF/UHF Diplexer

NEW FOR 83

Handy Plug-in unit will combine VHF and UHF signals or separate them from a single downlead. Insertion loss 0.5 dB.
15-7204 ..... £4.99

Roof and Chimney Mounts

A B C D

A **Heavy-Duty One-Piece Chimney Mount.** 12-gauge main bracket. Galvanised .050" corner bracket. **15-849** £12.95

B **Rachet Chimney Mount.** Fastens 1" to 1¾" antenna mast to chimney.
15-839 ..... £14.95

C **Chimney Corner Mounts.** Two stainless steel straps, each 5" x 10". Attaches mast to chimney with two Y-mounts. **15-527** £5.59

D **Strap Kit 25" stainless steel straps.** Use as replacements or add-ons. **15-801** £9.95

Vent, Roof and Wall Mounts

A B C D

A **Mast Anchor (Universal Mount).** For mounting of up to 1½" dia. masts.
15-888 ..... £1.39

B **4" Wall Mounts.** Holds mast 4" away from wall.
15-883 ..... £2.39

C **6" Heavy-Duty Wall Mounts.** For masts up to 2½" dia.
15-890 ..... £7.49

D **Easimount.** For loft or surface mounting of UHF and FM aerials.
15-9304 ..... £1.99

Heavy-Duty Aerial Masts

NEW FOR 83

Only Heavy 18 & 19 Gauge Used!

A Easy to install antenna mast ideal for perfect TV and crystal-clear FM reception!
15-9247 6' 19 Gauge £2.99
15-9248 12' 18 Gauge £9.95

B **Swaged 6' Aerial Mast.** 6' 19 Gauge mast with one end swaged for joining of two or more sections. Easy to install.
15-7208 ..... £3.99

Aerial/Mast Clamp

NEW FOR 83

Aerial/Mast Clamp. Universal Clamp attaches aerials to masts upt to 2" dia.
15-7201 ..... £1.29

4' Ground Rod

£2.99

4' Ground Rod. Provides low-resistance path to ground for static electricity. Copper-plated, corrosion resistant, highly conductive. **15-530** £2.99

Guy Wire and Hardware

A B C D E F G H I

Tandy's Galvanised Steel Guy Wire Lets You "Tie It Down" Safely and Securely

Fig.	Description	Cat. No.	Each
A	50' Galvanized Steel Wire	15-030	£1.19
A	100' Galvanized Steel Wire	15-031	£2.49
A	40' Plastic-Coated Steel Guy Wire	15-037	£2.49
B	2 Guy Wire Anchors	15-825	£0.99
C	2 Guy Wire Turnbuckles 6" open. 4" closed	15-829	£1.49

Fig.	Description	Cat. No.	Each
D	Set of Four Hex Lag Bolts. ¼x2½" for Heavy-Duty Mounting	15-833	£0.65
E	U-Bolt and Clamp	15-826	£0.99
F	2 U-Bolts With Nuts	15-830	£0.79
G	1¼" Guy Ring & Collar	15-835	£1.19
H	Guy Wire Mast Clamp With Bolts	15-827	£1.19
I	3-Guy Wire Clamps	15-850	£1.29

Stand-Off Insulators

A B C D E F

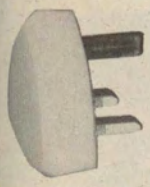
Keep your lead-in secure in wind, rain or snow – prevent lead-in movement which causes static and noise.

Fig.	Description	Cat. No.	Each
A	4-3½" Wood Screw	15-853	69p
A	4-6½" Wood Screw	15-854	99p
B	2 Masonry Type	15-820	89p
C	2 Nail-In-Type	15-821	69p
D	2 Snap-Grip Type	15-822	89p
E	2 Strap-On-Type	15-823	99p
F	Cable Nail Clip	15-9262	59p

COME TO TANDY FOR THE BIGGEST RANGE OF AERIAL ACCESSORIES

High Quality Electrical Accessories From Tandy®

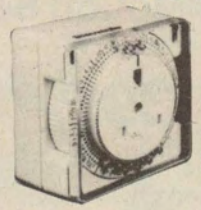
Plug-In Nightlight



£1.99

Plug into standard 13 Amp socket - ideal low level light for passages, landings, stairs, nurseries and bedrooms. Extra bright 2 watts.
61-7100 ..... **£1.99**

24 Hour Timer Switch

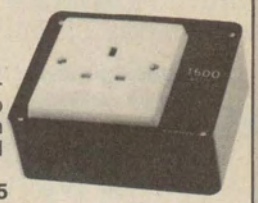


£19.95

Requires no special installation. Accepts and controls domestic electrical appliances up to 3.1 KW at 240 Volts. **61-9119** **£19.95**

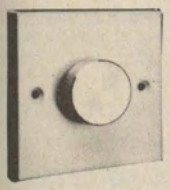
Interference Suppressor

£16.95



Plugs directly onto domestic appliances. Up to 1500 watts, 6 amps. With 65 cm lead and standard 13 amp fittings.
61-9120 ..... **£16.95**

Dimmer Switch

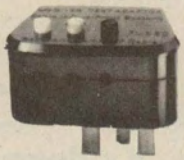


£9.95

- ***Fits Standard Wall Box***

Continuously variable wall light switch from off to 250 watts. B.S. approved anti-interference circuit.
61-9122 ..... **£9.95**

Test Adaptor

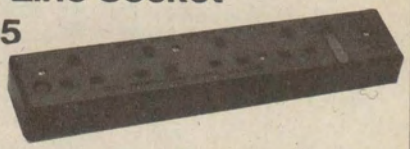


£5.95

13 amp fused test adaptor with colour coded buttons and interior spring loaded block for speedy connections. **61-9148** **£5.95**

Four Line Socket

£7.95



Operate several appliances from one power point. Ideal for all domestic and industrial uses. Has neon indicator. 13 Amp fuse. **61-9143** **£7.95**

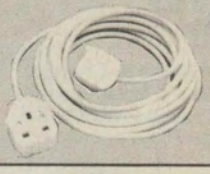
Hi-Fi Mains Distribution Unit

£12.95

The safe solution when connecting hi-fi equipment to the mains -preventing untidy and dangerous installations. Uses 6 amp mini connectors. **61-9141** . **£12.95**

Extension Leads

- ***With Plug And Socket*** £6.95



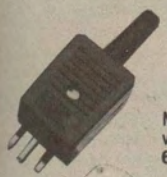
5 Amp extension cable.
61-9123 ..... **£6.95**.
13 Amp Extension cable.
61-9124 ..... **£7.95**

Extension Cable Reel

£14.95

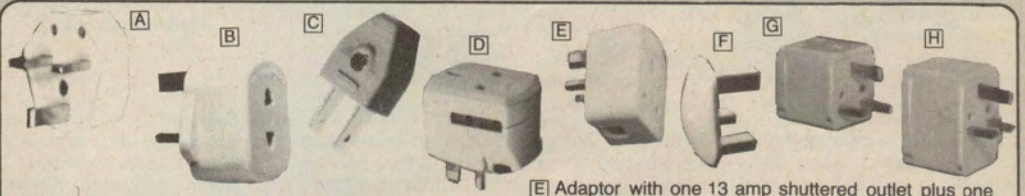
Lightweight two tone grey resilient reel contains 9 metres of 13 amp 3 core cable. Moulded case and rewind handle.
61-9149 ..... **£14.95**

Line Plug



£3.59

Makes up adaptor leads to mate with mains distribution unit.
61-9142 ..... **Pk of 2 £3.59**



A 13 amp, square 3-pin. BS 1363/A. **61-9106** **59p**
B Accepts 2-pin razor plugs. For use in 13 amp square pin sockets. With spare fuse. **61-9111** **£1.19**
C Allows you to connect American outlets with any other device (turntable, recorder etc.). **61-9117** **49p**
D 13 amp to 1 - 13 amp shuttered outlet and 2-5 amp 2 pin shuttered outlets fused 5 amp. **61-9145** **£3.95**
E Adaptor with one 13 amp shuttered outlet plus one permanently wireable outlet. **61-9147** **£5.95**
F Safety Socket Cover. to fit 13 amp flat pin sockets. **61-9144** **49p**
G Multiplug adaptor, 13A square pin, with inputs for 3 x 13 amp plugs. **61-9107** **£1.99**
H 13 amp 3-pin adaptor takes 2 x 13 amp square plugs. **61-9108** **£1.79**

Flex Connectors

5/10 amp plug and socket, 3-pin, shrouded pins, white.
61-9103 ..... **£1.19**
61-7101 In-Line Connector **99p**

5 & 13 Amp Fuses

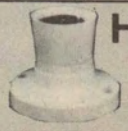
British made to BS 1362. Packs contain 4 fuses.
61-9100 5 Amp **79p**
61-9101 13 Amp **79p**

Lamp Holder

69p

Cord grip lamp holder. Small BC in white. **61-9132** **69p**

Heat Resistant Holder



£1.19

3 terminals and earth with backplate. Heat resisting tails to a 4-way terminal block. **61-7000** **£1.19**

5 Terminal Holder

5 terminals. 20 amp. BS816 as applicable. In white. **61-9138** **£1.09**

£1.09

With Backplate

2 terminals and earth with integral backplate.
61-9130 ..... **99p**

99p

50 Watt Converter Transformer

£9.95

Provides 110/120v AC from 220/240v AC source at up to 50 watts. Overload protected . With carrying pouch. **273-1401** **£9.95**

Set of 4 Plug Adapters

£4.95

Connect your foreign voltage converter to almost any wall outlet anywhere! Must be used with voltage converter.
273-1405 ..... **£4.95**

Travel Adaptor Mark II

NEW FOR 83

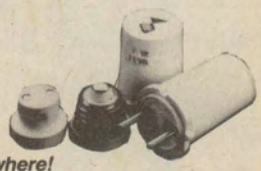
£6.95

- ***Use in Light Sockets Too!***
- ***120/240v Max***

No need to change plugs when travelling abroad. Earthed, use it instantly around the world. Accepts 2 and 3 pin plugs, round or square. **61-7150** **£6.95**

USE ANYWHERE — Europe & Africa · U.K. & Africa · USA Canada & Japan · Australia & N.Z.

Travel Plug Adaptor



£5.95

- ***Use Appliances Anywhere!***

Can be used with electrical appliances right across the world, as a plug, a socket or fitted into a lamp socket. Suitable for 120/240v max, 2 amps, 2 pin earthed.
61-9118 ..... **£5.95**

USE ANYWHERE — Europe & Africa · U.K. & Africa · USA Canada & Japan · Australia & N.Z.

Protect All Your Vehicles With a Mobile-Alert™ Alarm

Deluxe Keyless Alarm System With Motion Sensor

Senses Opening of Bonnet, Boot or Doors - Motion Vibration Sensor Detects Jacking, Towing and Tampering - Arms Itself Automatically 40 Seconds After You Leave Your Vehicle!

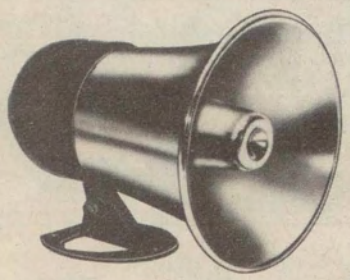
£39.95

NEW FOR 83

Protect your car and valuables inside against theft! Automatically arms itself 40 seconds after ignition is shut off and last door is closed. Disturbances trigger the super-loud alarm immediately, which blasts for approximately three minutes and resets to detect further disturbances. Automatic 20-second entry delay allows you to disarm the system with ignition key. Includes compact control module/motion sensor which can be easily concealed, complete instructions, cables and hardware. For any 12v DC negative ground vehicle.
49-762 ..... **£39.95**

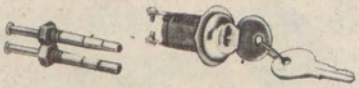
Available Dec. 15th

Voltage-Sensing Alarm System



£19.95

Operates on Voltage-Change Principle to Guard Boot, Bonnet and All Doors - Also Protects CB, Tape Player



Dependable burglary protection for everything from cars to boats at a bargain price! Alarm delivers penetrating "high-low" sound that can be heard far off! Has extra lead to protect CB and tape units. Includes switches for bonnet and boot, lock switch and two keys, wire, hardware, instructions. For 12v DC negative ground. **49-780** **£19.95**

Keyless Voltage-Sensing System

£39.95

- ***No Keys or Switches to Lose or Forget – Arms Automatically After Last Door is Closed***
- ***Operates on Voltage-Change Principle With Switches for Bonnet and Boot***

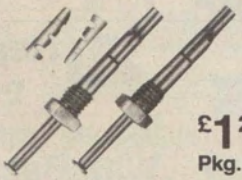
Siren emits an ear-piercing blast when door, bonnet or boot is opened - optional motion sensor (below) can be added. Audible "system-armed" confirmation. Automatic 20-second delay lets you enter or leave the car without triggering alarm. Auto-reset switch avoids prolonged noise and battery drain. With bonnet and boot switches, hardware, instructions. 12v DC negative ground. **49-760** **£39.95**

Key Hide Away

49p ***No More Lockouts***

Hide an extra car or house key. Sticks to any magnet-holding surface. **49-050** **49p**

Extra Pin Switches



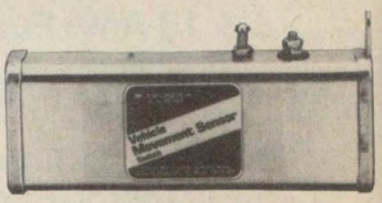
£1.29
Pkg. of 2

For bonnet, boot or doors. Can be used with any system on this page. **49-509** ..... **Pkg. of 2/£1.29**

Low-Cost Motion-Detector Switch

£5.95

Senses Movement Of Your Vehicle Detects Jacking, Towing, Tampering



Ideal for do-it-yourselfers! Mounts easily under bonnet and can be added to any of the systems above, except 49-762. 6⅜ x 2⅜ x 1⅜". Normally "off" circuit.
49-520 ..... **£5.95**

Adjustable Sensitivity

Window/Door Slide Stop

£1.29

Halts Burglars!

Prevents sliding open windows or doors. Position stop for any size opening. **49-540** **£1.29**

Patio Door/Window Chain Lock

£1.29

Fits Double Windows

Steel pin keeps patio doors from being pried open or lifted out.
49-543 ..... **£1.29**

Window/Door Alarm

£2.29

Install Several

Protects doors and windows. Loud built-in alarm. Includes mounting screws and adhesive backing. Requires two "AA" batteries. **49-494** **£2.29**

Personal Powerhorn

£4.69

Use to Summon Aid

Hand-held security wherever you go! Gets attention, scares intruder. Fits in purse or pocket. Can be heard up to ½-mile away.
49-600 ..... **£4.69**

Powerhorn Refill.
49-9600 ..... **Pack of 2 £2.99**

LET TANDY® SECURITY GIVE YOU PEACE OF MIND

Reliable Accessories for Your Home Alarm System

8-Inch Underdome Alarm Bell

£19.95

Loud heavy-duty bell for signalling or alarm systems in homes, schools or even factories. 1A at 12v DC.
49-498 ..... **£19.95**

Two-Sound Electronic Siren

£23.95

Dual sound – loud "rise-fall" or steady. Weatherproof aluminium. ¾A at 12v DC.
49-488 ..... **£23.95**

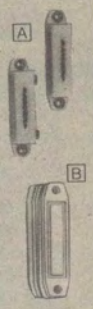
Hi-Power Dual Electronic Siren

NEW FOR 83

£24.95

Loud rise-fall or steady sound. 1A at 6 to 12v DC. Swivel base.
49-525 ..... **£24.95**

Magnet Switches and Spacers

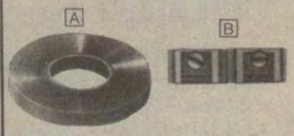


A Contacts close when magnet engages.
49-495 ..... **£1.99**

A Contacts open when magnet engages.
49-512 ..... **£2.89**

B Spacers. Use with above on metal doors or uneven surfaces
49-519 .. **Pk.6/£1.89**

Window Foil and Block Connectors



A Metallic Foil. Connects to alarm, activates it when foil is broken. Self-adhesive 120-foot x ⅜-inch roll. **49-502** **£4.69**

B Connectors. Self-adhesive.
49-504 3 Pairs **£1.79**

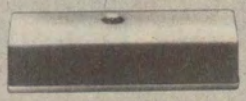
Window Foil/ Vibration Contact

£2.99

For Windows, Door Frames

Mount half on window or door, other half on frame. Does not interfere with normal opening of doors and windows.
49-518 ..... **£2.99**

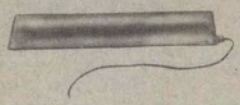
Vibration Detector



£2.99

Detects impact vibration on any surface. Adjustable sensitivity. For normally closed circuits. Tamper-proof cable.
49-521 ..... **£2.99**

Pressure Mat



£7.95

For use in or outdoors (sealed) – conceals easily under rug, mat carpet. For normally open circuits. SPST 1 amp, 25v DC. 6x24"
49-522 ..... **£7.95**

Panic Switch

£1.29

Triggers Instant Alarm

Pushbutton activates alarm system in emergency. For normally open circuits. Contacts close when button is pushed.
49-517 ..... **£1.29**

Contact Switch

£1.49

For Windows, Door Frames

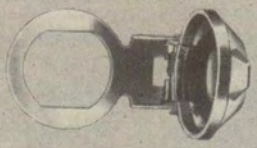
SPST contacts close when plunger is depressed. With screw terminals, mounting hardware.
49-513 ..... **£1.49**

2-Conductor Twisted Wire

£3.99

Perfect for use in main alarm system connections. 22-gauge. 100 feet. **278-860** **£3.99**

Key Lock Cover



£1.29

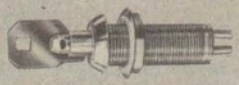
Protective die-cast cover with spring-loaded hinge and rubber sealed gasket. Attaches easily to most key locks.
49-514 ..... **£1.29**

Lock Switch With Cover

£3.29

Spring-loaded cover screw terminals. With two keys. Ideal for car, home or business alarm systems.
49-515 ..... **£3.29**

High Security Round Lock Switch



£7.49

With two keys. Key removes in "on" or "off" position. 3A, 25v AC. **49-511** **£7.49**
As above but momentary contact. **49-523** **£6.69**

Remote Key Plate

NEW FOR 83

£4.49

For Most Keyswitches

Red and green LED system status indicators, tamper switch. For 6 and 12v DC. With mounting hardware.
49-524 ..... **£4.49**

Door-Hanger Guard

£7.49

Use on Wooden Doors

An inexpensive way to keep safe! Hooks over the inside of any door knob and sounds loud, piercing alarm to warn of opening or tampering. Adjustable sensitivity. For wood doors only. Requires 9v battery.
49-461 ..... **£7.49**

Warning Decals

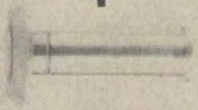
79p Pkg. of 5

Vinyl, adhesive decal warns you're protected by a Tandy security system. Mount inside on glass.
49-507 .... **Pkg. of 5/79p**

Door Viewer

• *Easy to Install!*

£4.99



See who's there before opening your door! Super wide viewing angle. Solid brass.
49-542 ..... **£4.99**

Security Door Phone

• *Identify Your Visitor Before Opening The Door!*

• *50 ft Plug In Cable*

£10.95

Fix the substation outside your door – and talk to visitors via master control before you open the door! Set includes 50 ft plug-in cable and staples. Requires 9v battery or DC adapter.
49-9462 ..... **£10.95**

Tandy® Safehouse™ Security For Your Home and Family

Deluxe Ultrasonic Motion Detector – Perfect for Home or Apartment

£89.95

Dual Protection Ultrasonic Plus Perimeter

NEW FOR 83

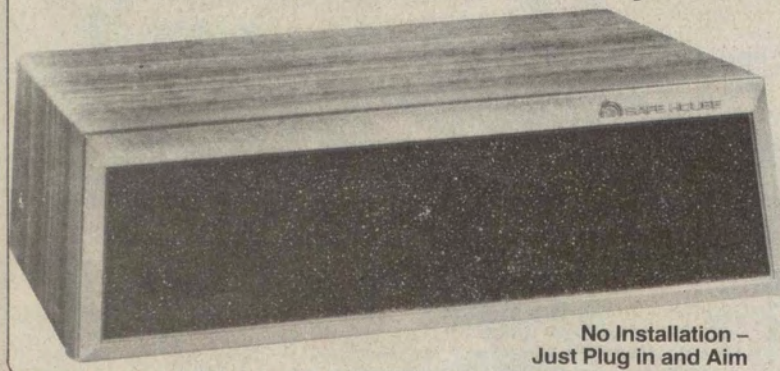
- *Automatic Shutoff and Reset After Alarm Sounds*
- *30-Second Exit/Entry Delay Prevents False Alarms*
- *24-Hour Panic Circuit Sounds Alarm Instantly*
- *Battery-Backup Operates System Up to Four Hours In Case of Mains Power Failure*

Get reliable security protection without a complicated installation. Easily arms, and disarms by a "secret" keyboard code that you set. LED indicators show system status. Entry/exit delay allows you to leave and return without setting off alarm. "Walk-Test" defines protected area. Covers up to 20x30 feet and sounds a loud, built-in alarm or optional external super-loud siren or bell. Can be used with optional accessories as a perimeter alarm – alone or combined with motion detector. Simulated walnut finish. 3¾x10½x8¼". **49-304** **£89.95**

Available Jan. 15th, 1983

No Wiring Required – Just Plug in and Aim

Ultrasonic Instrusion Alarm System for Low-Cost, Dependable Security



No Installation – Just Plug in and Aim

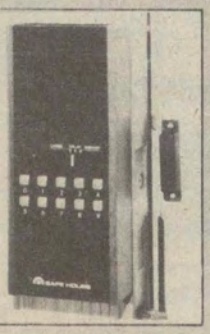
£59.95

- *Detects Movement in a 20x30 Ft. Area*
- *Loud Built-In Alarm*
- *"Walk-Test" Lamp*

An affordable one-piece security system. Motion triggers built-in alarm or optional super-loud siren or bell (below). Alarm can sound instantly or with 15-second delay. Adjustable sensitivity, remote on/off, an automatic 20-second delay for leaving the room without setting off a false alarm, plus battery backup provision. Simulated walnut finish. 2¾ x 9½ x 8¼". **49-303** **£59.95**

Optional Sirens and Bell for Alarms on This Page

Electronic Siren. 49-488	**£23.95**
Supersiren. 49-525	**£24.95**
8" Underdome Alarm Bell. 49-498	**£19.95**



Combination Door Alarm and Entry Chime

NEW FOR 83

£15.95

- *Arms With Secret Keyboard Code*
- *Exit/Entry Delay*
- *Compact – Easy to Install*

Alarm protection, plus pleasant-sounding chime "announces" callers when door is opened. LED indicator, shows if you "punched in" the right code. Delay lets you leave and return without setting off a false alarm. 6⅝x2¾x1¼". Requires 9v alkaline battery. **49-422** **£15.95**

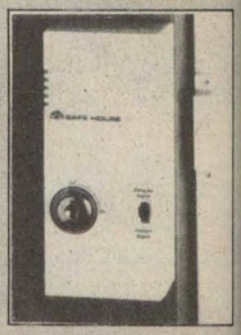
Solid State Electronic Alarm For Doors & Windows

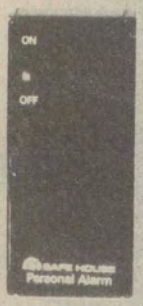
- *No Wiring – Easy to Install*
- *Entry/Exit Delay*
- *Key-Operated On/Off Switch*

£7.95 NEW FOR 83

Reliable and easy-to-use alarm for low-cost protection. When tripped, emits loud, shrill sound to scare off intruders. Delay lets you come and go without triggering false alarms – or you can set it to sound instantly. 5⅛x2¼x1¼". Requires 9v battery.

49-421 ..... **£7.95**





NEW FOR 83

Wallet or Purse Alarm

£4.69

Protects Your Valuables

"Mini" Alarm Unit Clips Easily Onto Your Belt – Emits Loud, Piercing Sound if Wallet is Removed.

Card inserts into wallet or purse. If thief attempts to remove wallet or purse, alarm sounds. On/off switch. Ideal for travellers, executives, and anyone who frequents crowded places. Requires two "AAA" batteries. **49-601** **£4.69**

Available Oct. 15th

Hand-Held Personal Protection Alarm for Portable Security

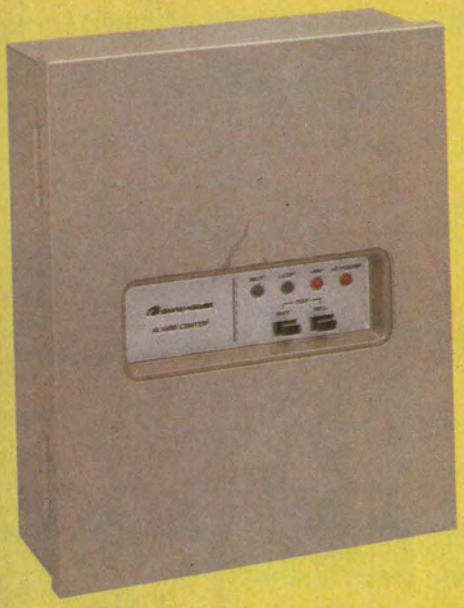
£7.49 NEW FOR 83

- *Take it Walking, Jogging, Or Shopping*
- *Attaches to Any Door*

Emits a piercing signal until you turn it off with secret code. Features alarm activator bar and wrist strap for outdoor use, plus a door attachment for security inside. Alarm sounds up to one hour. Requires 9v alkaline battery. **49-610** **£7.49**

Available Nov. 15th

Install Your Own Perimeter-Type Alarm Panel

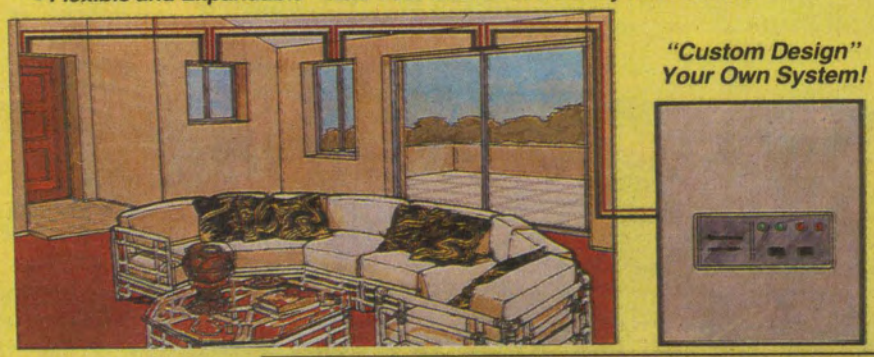


NEW FOR 83

Low-Cost, Whole-House Protection for Your Family, Home and Property! Easy Do-It-Yourself Installation

£89.95

- *Full 24-Hour Protection*
- *Built-In Multi-Remote Capability*
- *Flexible and Expandable – Add Your Choice of Security Accessories*



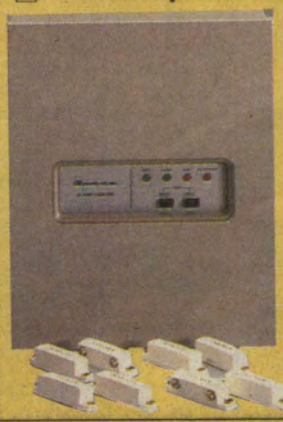
"Custom Design" Your Own System!

Available Jan. 15th, 1983

Now you can protect your home with the same type of security system used by professionals! All the features you need are built into the system panel - you can add alarm bells or sirens, key locks, security dialers, vibration sensors, glass breakage detectors - any of the open or closed security devices on page 107. Two loops, one instant and one with adjustable 0-45 second entry and exit delays. You can add up to ten arm/disarm key switches for different entrances. There's even a panic switch circuit that's armed 24 hours a day for emergencies. Alarm shuts off after five minutes, then resets automatically. System is powered by a transformer that plugs into any 240v mains outlet, and features battery backup in case of mains failure. Four LED indicators in the all-steel control unit show system status at a glance. Power-on and arm/memory LEDs assure that the system is armed and working properly, and the loop indicator lights when all circuit detectors are in their normal state, and lets you know if you left a window or door unprotected. Separate battery and bell test buttons and battery indicator. Expandable to cover additional areas anytime. 11 7/16 x 8 1/4 x 3 9/16". Requires eight alkaline or ten rechargeable nickel cadmium "C" cells for battery backup **49-450** **£89.95**

Complete Alarm System Package

A



Save £16.94

Reg. Separate Items £136.94

£120

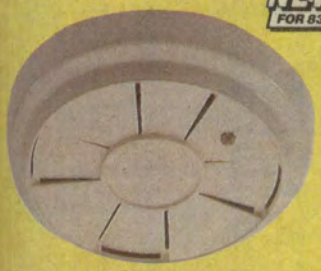
B C D E

- A Alarm System Panel
- B Twisted Wire (100 feet)
- C High-Security Key Lock
- D Four Magnet Switches
- E Two-Sound Electronic Siren

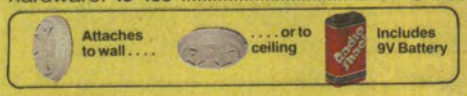
Ionization Smoke Detector and Alarm

NEW FOR 83 **£12.95**

- *No Mains Power Required*



Sensitive, battery powered detector continuously monitors the air. Responds quickly to smoke or invisible combustion particles by sounding a loud, built-in alarm. 4 7/8"dia.x2" thick. Battery lasts up to one year. Includes mounting hardware. **49-455** **£12.95**



Portable Smoke Detector/Alarm

Available Jan. 15th, 1983

£12.95

NEW FOR 83

- *Keep Safe at Home and Wherever You Travel*

The smoke alarm that travels with you for security and protection. Fits easily in a suitcase or travelling bag. Continuously monitors air - responds quickly to smoke and invisible combustion particles with loud, built-in alarm. Includes adjustable bracket for easy mounting on door. Includes 9v battery. **49-456** **£12.95**

Announcer/Alarm With Invisible Infrared Pulsed Beam

£49.95

Works as an Announcing System for People Entering a Given Area – Activates Built-in Buzzer When Beam is Broken

Shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound continuously with manual reset, to sound only while beam is broken with automatic reset, or to sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12v DC bell or siren. 4 1/8x3x7 1/4". With adjustable mounting bracket. Mains operation. **49-201** **£49.95**

The Best In Compact Electronic Clock Radios!

BATTERY BACK-UP

LW/MW/FM Digital With Battery Backup

£39.95

- *Exclusive Battery Sentinel*
- *Easy-to-Read LED Display With Bright/Dim Setting*

NEW FOR 83

Available 15th October, 1982

Chronomatic-316. Wake on time to radio or buzzer alarm - even if power fails during the night! Features exclusive Battery Sentinel protection circuit, plus snooze and 59-minute sleep controls, 0.6" LED display with bright/dim switch, and LED wake indicator. Radio has 3" speaker, lighted dial, ceramic filter and earphone jack. 2½ x 9½ x 5½". **12-9241** **£39.95**

BATTERY BACK-UP

Feature-Packed Beauty

NEW FOR 83

£32.95

- *Hi/Lo LED Dimmer Switch*
- *Lighted Dial*
- *Battery Backup and Battery Sentinel*

Chronomatic-233. The most popular features in a very compact size! Wakes you to radio or buzzer alarm. Minute/hour time-set, sleep and snooze controls, PM/Wake indicators, 3" speaker, side mounted tuning and volume controls, earphone jack. AFC and ceramic filter for superior FM. 2½ x 9¼ x 5½". **12-1540** **£32.95**

BATTERY BACK-UP

Priced Right for Any Budget!

NEW FOR 83

£29.95

- *Compact Size Fits Any Table or Shelf*
- *Battery Backup and Battery Sentinel*

Available 15th October, 1982

Chronomatic-234. Rise 'n shine to your favourite MW/FM radio station! Clock features high/low LED display dimmer, PM/Wake indicators. 59-minute sleep control, plus fast and slow time-set. Radio has 3" speaker, AFC to prevent FM drift, ceramic filter to cut FM interference, earphone jack. 2½ x 8⅝ x 5". **12-1541** **£29.95**

LW/MW/FM Digital Clock Radio

£36.95

- *4 Digit LED Display*

Chronomatic-306. LED indicator shows when radio is programmed to wake to music or alarm mode. Pushbuttons for time, wake set, sleep and snooze functions. Sleep button gives 59 minutes of playing time. Built-in FM antenna and MW loopstick aerial. Jack for earplug, external speaker. **12-9147** **£36.95**

Top-Value MW/FM Digital

NEW FOR 83

£26.95

- *Big 0.6" LED Display*

Available 15th October, 1982

Chronomatic-236. Let this reliable bedside companion wake you to radio or "beep" alarm. Has snooze button, fast/slow time-set. Radio features 3" speaker, IC circuitry, FM ceramic filter. 2½ x 8⅝ x 5". **12-1542** **£26.95**

MW/LW Clock/Radio

£24.95

- *Touch Snooze Control*

Chronomatic-305. Smart white compact easy-read LED clock radio. Set alarm with fast/slow time buttons and choose to wake to music or the buzzer. Indicator shows when alarm is set. **12-9146** **£24.95**

Speakers for 'Special' Listening

Deluxe Pillow Speaker

£3.79

Has built-in volume control. ⅛" mini plug. **33-207** **£3.79**

Compact Pillow Speaker

£1.29

Fits most clock radios and portables. ⅛" mini plug. **33-206** **£1.29**

"Wedge" Extension Speaker

£8.95

Use with radio or cassette player. **40-1247** **£8.95**

Only Tandy Has Battery Backup/Sentinel System

Dual-Alarm Digital With Calendar

- *Separate "His 'n Hers" Wake-Up Times*
- *Fluorescent Display With Hi/Lo Dimmer*

NEW FOR 83 **£44.95**

Chronodate®-226. Not one, but *two* alarm times - wake to music, beeper alarm or both! Displays time with seconds, plus month and date. Clock has snooze and sleep controls. Radio features 3½" speaker, lighted tuning dial, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. 3½ x 11¾ x 5⅞". **12-1533** **£44.95**

Full-Feature MW/FM Calendar/Clock Radio

- *Shows Time or Month and Date!*
- *Fluorescent Display With Hi/Lo Dimmer*

£39.95

BATTERY BACK-UP

Chronodate-229. Dual-purpose push bar shows month/date display, or allows a few extra minutes snooze time. The 59 minute sleep control lets you doze off to music with auto-shutoff. Display features AM/PM and Wake indicators. Radio has 3" speaker, lighted slide-rule tuning dial and earphone jack. 3 x 10 x 5½". **12-1536** **£39.95**

Battery Backup/Sentinel System

Front-panel red LED warns you if battery is weak or not installed. (Battery Not Included)

9V battery protects time function (without display) up to 8 hours, alarm for 10 minutes, in case of power failure.

Slim Styling and Most-Wanted Features

£31.95

- *MW/FM*

BATTERY BACK-UP

Chronomatic-227. Battery Backup makes sure you wake on time - even if power fails during the night! Snooze and sleep controls, bright/dim display switch.MW/Wake indicators. Radio has 3" speaker, lighted dial, ceramic filter and earphone jack. 2½ x 9½ x 5½". **12-1534** **£31.95**

LED Digital With Extra-Large Display

£37.95

NEW FOR 83

BATTERY BACK-UP

- *MW/FM*

Chronomatic-230. Big 0.9" display with dimmer is easy to see day or night! Wakes you to radio or buzzer. Snooze and 59-minute sleep controls. Radio has 3" speaker, AFC and ceramic filter on FM, lighted slide-rule dial, earphone jack. 3 x 10¼ x 5½". **12-1537** **£37.95**

Digital MW/FM LCD Travel Clock Radio

£34.95

- *Top-Mounted Snooze and Display Light Pushbutton*
- *Hour/Minute Pushbuttons for Quick Time and Alarm Settings*

Chronomatic™-228. Compact size, sleek styling and great MW features make it a handy companion on trips! Wakes you to "beep"/radio alarm. Accurate quartz clock has easy-to-read ⅜" display with LCD AM/PM indicator. Ceramic filter for clean reception, large rotary, tuning control, 24-hour alarm, LED power indicator, 2½" speaker, telescopic antenna. Slide-switch MW/FM, time set/run selectors. Only 2¾ x 6⅝ x 1⅛". Requires four "AA" batteries. **12-1535** **£34.95**

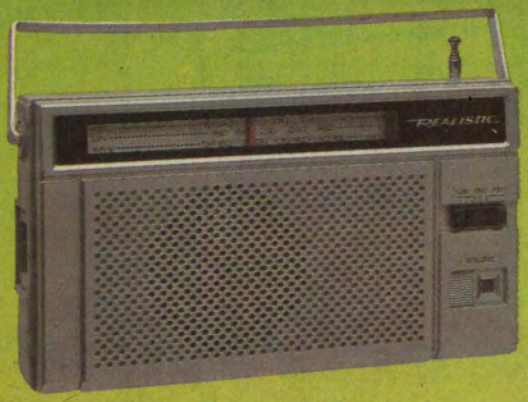
Portable MW/FM LCD Clock Radio

£44.95

- *Pushbutton Snooze Function*
- *Display Light*
- *Telescopic Swivel Antenna*

Chronomatic-216. Handsome silver finish accents this go-anywhere radio. Press "sleep" function and radio will automatically shut off as you doze. Features pushbutton time-set, alarm-set, hour minute, slide-switch MW/FM and rotary volume and tone controls. Easy-carry handle, 3" speaker, earphone jack. 6 x 9½ x 2½". Mains operation or requires four "C" and one "AA" battery (not incl.). **12-1525** **£44.95**

Realistic™ Portables — Famous for Quality and Value!



Compact LW/MW/FM Portable

NEW FOR 83

£24.95 • *FM Telescopic Aerial*

Realistic silver finish handy LW/MW/FM mains/battery portable radio has rotary tuning and volume control, sliding station switch and FM telescopic aerial. Mains or battery operated, with detachable mains cord and earphone. Requires 4 "AA" batteries. Size 7½ x 4¼ x 1¾".
12-9235 ..... **£24.95**

MW/FM Portable Radio

- *Easy-to-Carry Size*
- *Remarkable, Full Sound*
- *Extra Large Easy Tuning Scale*

£22.95

Completely portable stylish MW/FM radio with large, easily tuned dial. 3" speaker, hi/lo tone switch, AFC (Automatic Frequency Control) on FM, (telescoping FM antenna), earphone and mains adapter jacks. Requires 6 "AA" batteries (not included). 9¼ x 7¼ x 3". Smart black finish. **12-711** **£22.95**
270-9538. Mains Adaptor **£6.99**

Pocketable MW/VHF-Aircraft Band Radio

NEW FOR 83 **£14.95**

- *Hear Planes and Towers "Talk"*
- *Built-In MW and Telescopic VHF Aerials*

Jetstream™ pocketable MW portable radio tunes 108-135 MHz aviation band plus standard MW. Built-in MW and telescopic VHF aerials. Fitted with handy carry strap and supplied with earphone. Measures just 4¾ x 2⅞ x 1⅝". Requires one 9V battery.
12-601 ..... **£14.95**

"Take-Along" Headphone Radios for Private Listening Pleasure

NEW FOR 83

MW
£14.95

Hear Music, Sports, Weather and News

MW/FM
£24.95

NEW FOR 83

MW/FM Stereo
£29.95

Enjoy Great Stereo while you relax, exercise or work!

Tandy® MW Headset. Now you can enjoy MW listening wherever you go - perfect for jogging, yardwork, or hearing the commentary at the game! Features twin speakers, side-mounted rotary volume and tuning controls, built-in antenna. Lightweight and comfortable, with adjustable headband. Requires 9V battery. **12-187** **£14.95**

Tandy MW/FM Headset. A great little entertainer! Lightweight for comfort, and the padded earcushions seal out the noise, seal in the music. Rich dual-speaker sound, side-mounted rotary tuning, on/off and volume controls. Antenna is hidden in adjustable headband. Requires 9V battery.
12-186 ..... **£24.95**

Tandy MW/FM Stereo Headset. "Hands-free" listening! Hear your favourite MW and FM stations - in stereo - at home or on-the-go. Features side-mounted rotary volume, balance and tuning controls, MW/FM/FM Stereo slide-switch. Lightweight, adjustable headband, built-in antenna. Requires 3 "AAA" batteries. **12-188** **£29.95**

Enjoy Your Favourite Programmes Wherever You Go!

Six Band Portable Radio with VHF Air

£59.95

- *VHF Aviation 108-136 MHz*
- *SW 3-7 MHz*
- *SW 7-18 MHz*
- *SW 18-26 MHz*
- *MW • FM*
- *Features All-Band Fine Tuning*
- *With Headphone and External Antenna Jacks*

Realistic™ DX-66. Take a world of entertainment with you wherever you go with this attractive compact six-band portable radio. Feature packed it tunes 3-26 MHz SW in 3 bands, (SW 3-7 MHz, SW 7-18 MHz, SW 18-26 MHz), VHF aircraft 108-136 MHz, plus FM and MW. It also features all band fine tuning, tone control, automatic mains to battery switching, jacks for your headphones and an external antenna. Mains operation or requires 4 "C" batteries (not included). 10¼ x 12 x 4". **12-767** **£59.95**

Five-Band Portable Shortwave Radio

£44.95

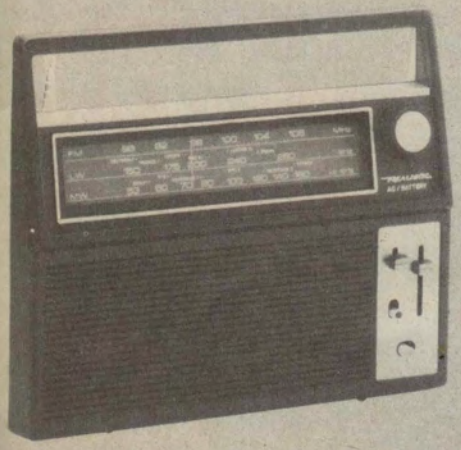
- *MW, FM, 3 SW Bands*
- *Automatically Switches Mains-to-Battery in case of a power failure*
- *Shortwave Fine Tuning Control*
- *Slide Action Volume & Tone*
- *SW/FM Antenna Jack*
- *Telescoping Antenna*

Realistic DX-55. Five-band portable shortwave radio tunes MW, FM and 3 SW bands, giving you worldwide coverage you can carry around! It features a shortwave fine-tuning control to separate crowded stations, pushbutton band selections, slide-action volume and tone, 3½" speaker, telescoping antenna, and a jack for external SW/FM antenna. With earphone. 7⅛ x 12 x 3½". Automatically switches mains to battery in case of a power failure. Mains operation or requires 4 "C" batteries (not included). **12-777** **£44.95**

LW/MW/FM Portable Radio

NEW FOR 83

£29.95



- *Retractable FM Aerial*
- *Mains to Battery Auto-Switching*
- *Integral Carrying Handle*

Compact, LW/MW/FM portable mains and battery radio automatically switches to battery if mains power fails! Has 3" speaker, high/low tone switch, slide volume control, on-off power switch, and also features FM telescopic and built-in MW aerial. With stylish black/grey case and integral carrying handle. Ideally suited for indoor or portable use. Includes earphone. Mains operation or requires 4 "C" batteries. **12-9154** **£29.95**

The Perfect LW/MW/FM Portable

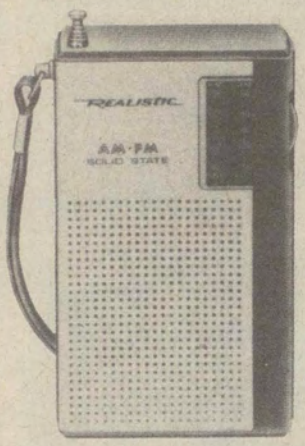
NEW FOR 83

£28.95

- *AFC on FM Band*
- *Smart Black Finish*
- *Earphone Included*

Ideal size mains battery LW/MW/FM portable - just 9 x 7½ x 2¼" - lightweight but rugged outer case, robust enough to withstand years of hard use making it perfect for carrying anywhere! Incorporates rotary volume, tone and tuning controls, and telescopic FM and built-in MW aerial. Automatically switches from mains to battery in case of power failure. Includes earphone. Mains operation or requires 4 "C" batteries. **12-9158** **£28.95**

Get the Best in MW and MW/FM Pocket Portable Radios



Stylish MW/FM

£13.95 NEW FOR 83

- *Great Sensitivity and High Tone Quality*
- *Side-Mounted Controls for Easy One-Hand Operation*

Compact, pocketable MW/FM radio. Has 2½" speaker, telescopic FM, built-in MW antennas. 4¾ x 2⅞ x 1⅝". With wrist strap and earphone for private listening. Requires 9V battery. **12-602** **£13.95**

Thin-Design MW/FM Slips Easily Into Shirt Pockets

NEW FOR 83 **£12.95**

One-Chip Integrated Circuit Design for Compactness, Economy and Reliability

An advanced IC design makes this slim-line MW/FM radio the most "pocketable" of all! The rotary dial is easy to tune with one hand, and you'll get excellent reception. 2¼" speaker, telescopic FM and built-in MW antennas. 2 11/12 x 5 9/16 x 1⅛". With earphone for private listening and a wrist strap. Requires 9V battery. **12-715** **£12.95**

Pocket MW/FM On A Budget

£12.95 NEW FOR 83

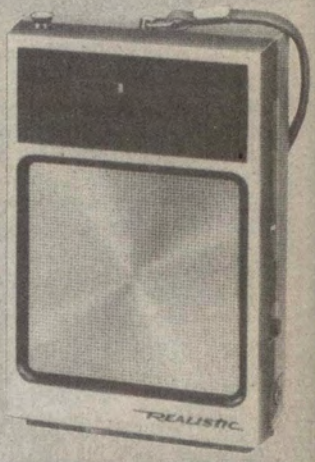
Handy little radio with slide-rule tuning, side-mounted controls, 2½" speaker, built-in MW and telescopic FM antennas in a rugged case. 4 15/16 x 3⅛ x 1⅝". With earphone, wrist strap. Requires 9V battery. **12-634** **£12.95**

Our Best MW/FM Pocket Portable Radio

- *High/Low Tone Switch*
- *AFC Prevents FM Drift*

£14.95

Smart looks and great sound in a radio that fits in a coat pocket or purse! Compact and rugged with stylish aluminium trim. Easy slide-rule tuning, 2½" speaker, built-in MW and telescopic FM antennas. 5¼ x 3 x 1½". With earphone and wrist carry-strap. Requires 9V battery. **12-714** **£14.95**



Deluxe MW Pocket Radio

£8.95

- *Slim-Line Design*
- *Integrated Circuit*

Sensitive IC design for compact size and superior reliability. "See-thru" volume dial. Earphone jack. With wrist strap. 5 5/16 x 2¾ x 1 1/16". Requires 4 "AA" batteries. **12-173** **£8.95**

AC Adapter. 270-9538 ..... **£6.99**

Bargain Priced MW Radio

£4.99

Easy One Hand Tuning

This low-cost MW pocket radio is the perfect "extra" portable! Palm-sized, yet has excellent sound quality thanks to "push-pull" circuit and transformerless input and output. Rugged moulded case. With earphone, wrist strap. 4¼ x 2¾ x 1¼". Requires 9v battery. **12-167** **£4.99**

"Wedge" Extension Speaker

£8.95

- *For "Big Set" Sound!*
- *Walnut Finish*

Plugs into the earphone jack of your portable radio or cassette recorder to give you the "big set" sound. Comes complete with cable with mini and sub-mini plugs.
40-1247 ..... **£8.95**

RETAIL PRICES SHOWN IN THIS CATALOGUE MAY VARY AT INDIVIDUAL STORES AND DEALERS

Novelty Radios That Are The Ideal Gift!

Tandy® Space Shuttle Radio

NEW FOR 83

£9.95

Hidden Volume And Tuning Controls

"Out of this world" MW listening with a detailed reproduction of the Columbia. Hatch release, retractable landing gear. 10½" long. Requires 9V battery. **12-956** **£9.95**

"Classic" Rolls Royce Radio

£13.95

Spare Tyres Are Tuning and Volume Controls

A terrific gift for auto buffs! A beautiful, 10" long replica of the classic 1931 "Phantom II" with an MW radio and antenna hidden inside. The "spare tyres" are actually the tuning and volume controls. Bottom-mounted 2" speaker. Requires 9v battery. **12-963** **£13.95**

Biking's More Fun With an Archer Road Patrol™ Radio

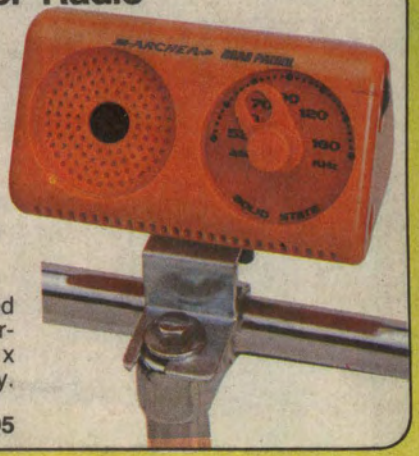
Handlebar Radio With Horn

£14.95

Budget Bike Radio

£9.95

With Bracket



Handlebar radio with horn removes easily, the bracket stays on your bike. Pushbutton electronic horn, 2½" speaker. 3½ x 5¼ x 3⅞". Requires three "C" batteries. **12-197** **£14.95**

MW bike radio has weatherized case with 2¼" speaker, earphone jack, built-in antenna. 4 x 5 x 3½". Requires 9v battery. With moutning bracket. **12-196** **£9.95**

Cuddly "Pettable" Portable Radios

NEW FOR 83 — White Terrier

NEW FOR 83 — Chow Dog

From £9.95

Racoon

Cuddly Cat

Country Mouse

Floppy Dog

Furry little friends with radios hidden inside and external controls. Kids love 'em! Require 9v battery.

Description	Cat. No.	Each	Description	Cat. No.	Each
White Terrier	12-977	£9.95	Cuddly Cat	12-983	£9.95
Country Mouse	12-975	£11.95	Racoon	12-971	£9.95
Chow Dog	12-986	£11.95	Floppy Dog	12-975	£11.95

"Tasteful" Flavoradios

Choice of Four

Lemon

Orange

Blueberry

Strawberry

£5.99 Each

Add a Splash of Colour!

Kids are crazy about these pocket size MW radios. They slip easily into pocket or purse, or add a splash of colour when carried by the handy wrist strap. With earphone, wrist strap. 3⅝ x 2¾ x 1½". Requires 9v battery. **12-166** **£5.99**

Science Fair™ Kits From Tandy® - Fun and Educational

Includes 8¼ x 11" 186 Page Lab Manual

Increase Your Electronics Knowledge With 160 Challenging Projects

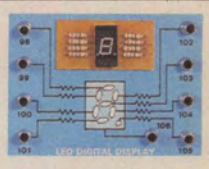
NEW FOR 83

£27.95 *Includes All You Need to Start a Hobby in Electronics!*

Build radios, transmitters; learn solar telemetry and more. Experiment with simple computer circuits, a flip-flop lamp flasher, even produce electronic sound effects. Parts are pre-mounted, with spring-clip connectors. All projects solar or battery powered. Requires one 9v and two "AA" batteries.
28-258 ..... **£27.95**

Code Key

Meter


7-Segment LED Display

NEW FOR 83

Digital "Computer" Kit

£16.95 *100 Exciting Projects For All Ages!*

Build your own "computer" and learn about programming and binary math. Easy assembly. Includes illustrated 68-page manual. Requires three "C" batteries.
28-218 ..... **£16.95**

MW/FM Radio Kit Tunes In the Fun

£11.95

Hear your favourite local stations. Preassembled FM tuner section, four transistors, transformer. Includes earphone and manual. Requires two "AA" batteries. **28-234** **£11.95**

Electronic Digital Logic Lab

£8.95 • *Integrated Circuit Clip*

You get electronic games, digital projects, simple computer circuits. Requires 3 "AA" batteries. **28-226** **£8.95**

Junior Astronomy Kit

£9.95

NEW FOR 83

Available Sept. 30 1982

• *Study The Moon, Planets and Stars*

Includes all components you need for a 15 X x 12-power refractor telescope, a moon map and constellation finder. 32-page manual. **28-195** **£9.95**

Available Sept. 30 1982

Motor/Generator Kit

NEW FOR 83

£9.95 • *Can Even Power Other Devices*

Tri-polar electric motor measures RPM and current. Powers other devices too! Requires two "C" batteries. **28-194** **£9.95**

Perfect "First" MW Radio Kit

£3.95

NEW LOW PRICE

No batteries, no AC! Diode converts RF signal to audio. Covers 550 kHz to 1600 kHz. Earphone, instructions. **28-219** **£3.95**

Build a Real MW Radio

£5.95

Easy to Assemble!

Enjoy your local MW stations - tunes entire 550-1600 Hz band. With earphone, instructions. Requires 9V battery. **28-229** **£5.95**

Hear the Local Action! VHF Radio Kit

£8.95

Aircraft Weather Plus Other

Covers 108-135 MHz and 147-174 MHz bands. With dust cover, earphone. Solderless. Requires 9V battery. **28-221** **£8.95**

Easy-to-Build 'Solderless' Kits for Hobbyists of All Ages

50 Fascinating Electronic Projects

Safe, Easy Hookup!

£16.95

Easy-To-Follow Lab Type Manual Included

- ***Finished-Wood Workbox With Pre-Mounted Parts***
- ***Spring Clip Terminals For Safe Hookup***

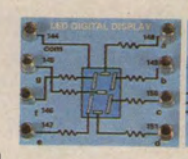
Experiments to stimulate young minds! Now you can build a radio, telegraph, Morse code system and more. Learn about transistors, diodes, resistors, capacitors. Just connect wires to spring-clip terminals in the wood workbox - no soldering, nothing to clean up. Requires two "AA" batteries and one 9V battery. **28-227** **£16.95**

200 Projects Our Largest Lab Kit Ever

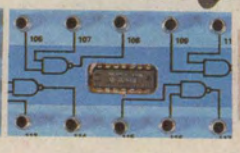
100% Safe!

£35.95

Includes 10⅛ x 14¼" 128-page lab-type manual with easy instructions!



7-Segment LED



2 Integrated Circuits

Meter

No prior knowledge of electronics necessary! Build a burglar alarm, telegraph, MW broadcast station, digital timer, electronic organ, radio and much more. You also get integrated circuits that help teach computer fundmentals. All parts pre-mounted in the 2⅞ x 13 x 9⅞" moulded case - no soldering needed! Requires six "AA" batteries. Includes dust cover.
28-249 ..... **£35.95**

30 Projects Make Learning Fun

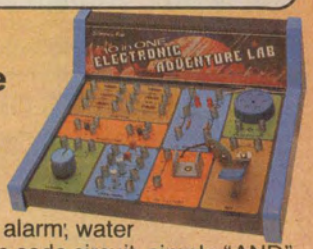
NEW FOR 83

£11.95

Build and experiment with an electronic siren, radio, beacon light, burglar alarm, timer, even simple computer circuits! Requires 2 "AA" batteries.
28-161 ..... **£11.95**

Electronic Adventure Lab

£7.95



- ***10 Projects***

Build a burglar alarm, water detector, Morse code circuit, simple "AND", "OR", and "flip-flop" computer circuits. Requires 9V battery. **28-160** **£7.95**

Solder-Type Kits For More Advanced Hobbyists

43-Range Multitester Kit

£19.95

- ***50,000 Ohms Per Volt***
- ***Range Doubler***

Features 4¼" mirrored scale, DCV, 0-500 at 50k/V, 0-1000 at 25k/V. ACV, 0-500 at 10k/V. 0-1000 at 5k/V. Current 0-10 ADC. Resistance Rx1-Rx10k. Requires batteries.
28-4014 ..... **£19.95**

Self-Build MW Radio Kit

£11.95

- ***Tunes 550-1600 kHz MW Radio Bands***

A quality portable that sounds even better because you "built it yourself"! Built-in speaker plus earphone jack for "private" listening. 3¼ x 5¼ x ½". Requires 9v battery.
28-4029 ..... **£11.95**

Biofeedback Monitor Kit

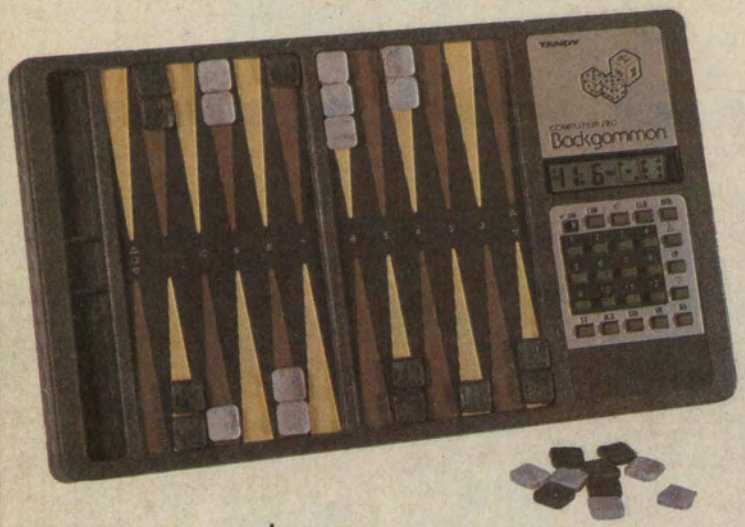
£9.95

- ***Hear Your Emotions***

Helps you to overcome stress by teaching you to relax. Includes earphone jack for private "meditation". 4½ x 3¼ x 1". Requires 9v battery. **28-4028** **£9.95**

Have Fun! The Latest in Electronic Entertainment

LCD Computer Game Tests Your Backgammon Skills



£39.95

Improve Your Game!

NEW FOR 83

- ***Includes Built-In Board, 30 Game Pips, Electronic Dice***
- ***Sharpen Your Skills By Trying to Beat the Computer!***

Improve your game as you play the "master". Offers hours of fun for both beginning and experienced players. Acknowledges gammons, back gammons and doubling. LCD position verification. 1¾ x 12¾ x 7½". Requires 9v battery or mains adapter. **60-2161** **£39.95**
Mains Adapter. 270-9551 ..... **£9.49**

Deluxe LCD Computer Chess Game

£49.95

NEW FOR 83

- ***Choose from 8 Play Levels***
- ***Built-In Board & Pieces***

Beginners and aspiring masters will enjoy playing the computer. The higher the level you play, the more challenging the game. LCD rank display and position verification. 2 x 5½ x 8¼". Requires six "AA" batteries or mains adapter.
60-2175 ..... **£49.95**
Mains Adapter.
270-9551 ..... **£9.49**

Avail. Oct. 15th,

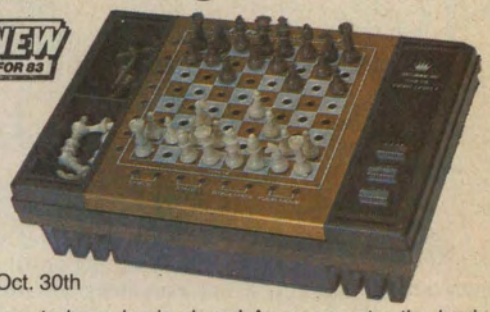
With Protective Cover

Sensory Chess for Beginners

£34.95

NEW FOR 83

- ***Work Your Way Through 8 Levels of Play***
- ***Computer Chip "Reads" Each Move Made, Automatically!***

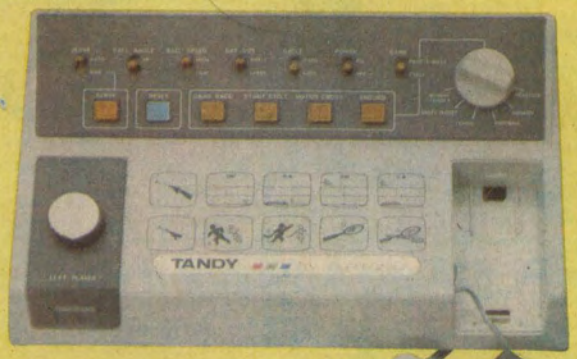


Avail. Oct. 30th

At last - the perfect way to learn basic chess! As you master the basic levels, move up to the more challenging ones! 1 x 6¾ x 4¾". Requires 9v battery or mains adapter. **60-2176** **£34.95**
Mains Adapter. 270-9551 ..... **£9.49**

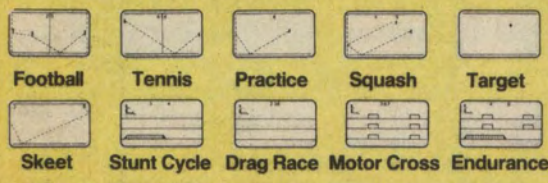
10 TV Games of Skill in Colour or Black & White

£49.95



- ***88 Game Variations with On Screen Scoring***
- ***Lifelike Electronic Sound Effects***

Choose from four stunt cycle games, football, tennis, squash, practice, target and skeet. On screen digital scoring. Auto/manual service. Control for ball angle, ball speed, bat size and cycle "hard/easy". Includes twin remote controllers which neatly pack in the case with pistol/rifle and stunt cycle controller. Connects to any TV set. Requires 6 "C" batteries. **60-9005** **£49.95**



Games Includes Pistol / Rifle

Exciting TV Games for Indoor Family Enjoyment

For One or Two Players

£29.95

Six action-packed games! Light-beam "45" pistol, on-screen scoring, sound effects, auto/manual serve. Requires 6 "AA" batteries.
60-3061 ..... **£29.95**

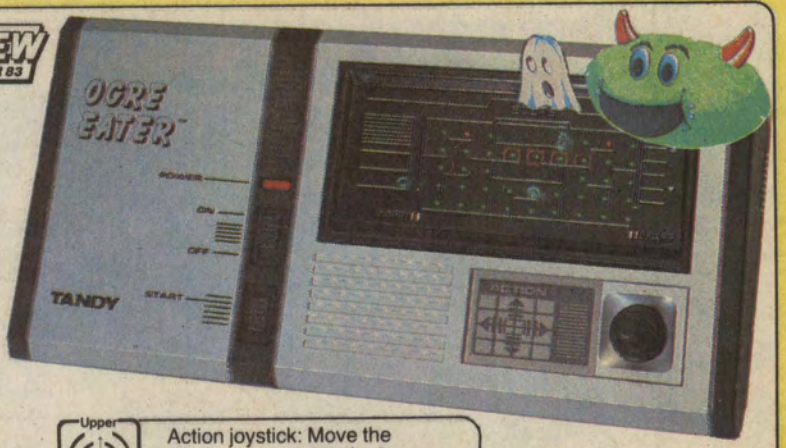
Mains Adapter for Both TV Games. 270-9551 ..... **£9.49**

TANDY HAS A TRADITION OF GIVING YOU MORE FOR YOUR MONEY!

Low-Cost Computer Games for Action-Packed Thrills

Exciting "Ogre Eater"™ Game Races Through a Maze of Fun

NEW FOR 83



£24.95

- *Game of Challenge – Gobble or Be Gobbled in a Non-Stop Action Chase!*
- *Full-Colour Display and Action Sound*

Avail. Sept. 30th,

It's your Ogre Eater versus the Bogey in this fast-paced maze of action. Use your joystick controller to move Ogre Eater through the maze gobbling up "green food" for points. But beware of the speedy Bogey trying to devour your monster. It's up to you to make a fast get-away or counter-attack snack! Monster must eat "red power food" to make Bogey turn "coward". Earn bonus points when Ogre Eater eats the Bogey. Full colour display panel, exciting action sounds and digital scoreboard. Four-direction control. Requires four "AA" batteries or mains adapter.

60-7000 ..... **£24.95**
Mains Adapter. 270-9551 ..... **£9.49**

Action joystick: Move the Monster by moving the joystick up and down or right and left.

"Hold-Up"™ LCD Game Watch

£14.95

NEW FOR 83

Avail. Sept. 30th,

Rob the Bank Without Getting Caught

Manoeuvre burglar to prevent tellers from tripping alarm. Bonus points for bagging money. If alarm sounds, cops take you to jail! Action sound. Score and time display. Two skill levels. Batteries included. **60-2173** **£14.95**

Electronic Space Shot

£15.95

- *Zero-in on Zig-Zagging Invaders!*

Manoeuvre the attack sight, take aim, and fire! Add up points by destroying enemy space ships. LED screen display and scoreboard. Action sound. Requires 9v battery.

60-2166 ..... **£15.95**

Cosmic Fire-Away Game Watch

NEW FOR 83

£16.95

- *Time, Auto-Calendar, Alarm, Plus Two Exciting Games!*

Play space war games on your watch! Aim and fire at enemy invaders. Time, month and date display. 24-hour alarm and hourly beeper. Battery included.

60-2174 ..... **£16.95**

Avail. Oct. 30th,

Cosmic 2000 Fire-Away Alien Attack

- *"Twin" Aliens Split When Hit*
- *Three Levels of Skill*

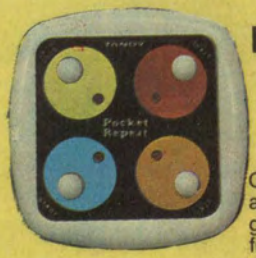
£22.95

NEW FOR 83

- *Destroy Invaders, Defend Fortresses!*

Fire your rockets to destroy invaders and UFOs. Manipulate "fire" and "fortress" controls for defence. Two-colour fluorescent display. Play with or without action sound. Score display. Requires four "C" batteries or mains adapter. **60-2170** **£22.95**
Mains Adapter. 270-9551 ..... **£9.49**

Pocket Repeat Game



£9.95

Computerized fun that goes anywhere! Play two different games in a "mini" size that fits pocket or purse. Requires 9v battery. **60-2152** **£9.95**

Electronic Sports Arena

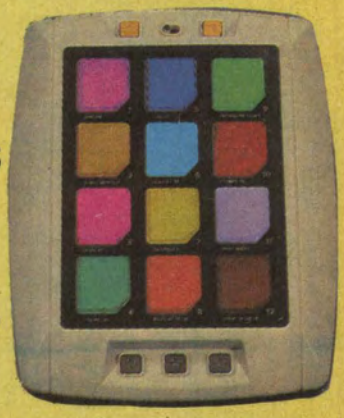
£12.95

- *Three Exciting Games in One!*

Play ice hockey, basketball or soccer! Just insert one of the "playing field" faceplates to begin. LED "players" and display. Action sound. Requires 9v battery. **60-2158** **£12.95**

Tandy-12 Electronic Computerized Arcade

£19.95



- *12 Action Games Packed In One!*

With the Tandy-12 electronic computerized arcade you can play basketball, gamble at casino, roulette, fire torpedoes to sink enemies, launch missiles to destroy invaders, and lots more! Requires 9v battery and four "C" batteries. **60-2159** **£19.95**

Imaginative Radio-Controlled Toys for Young and Old

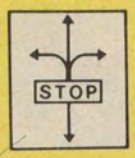
Race in the Fast Lane With Sleek Mustangs

£16.95 Each

- *Pit 'em Against Each Other for Fast-Paced Action*
- *Fingertip Controls • For Any Smooth Surface!*

Drive a winner! These Mustangs will really fly across the "racetrack". They'll go backward, forward, to the right and to the left. Authentic styling, so it seems like you're "driving" the originals! Each requires three "AA", two 9v batteries. Car lengths, 8".

60-3077 ..... £16.95
60-3078 ..... £16.95



Corvette Stingray

£29.95

- *Fingertip Controls*
- *For Any Smooth Surface*

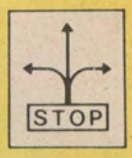
Same sleek aerodynamic design as the real thing! Stop, start, right and left turn going in forward and reverse. High/low gear switch. Requires two 9V, four "C" batteries. Car length, 12½". **60-3079** £29.95

DIGITAL **PRO** PORTIONAL

The Famous World War II Sherman Tank

£29.95

Lead your own division into the thick of battle! Attack, evade or retreat by going forward, stop, right or left in rough terrain. Climbs inclines up to 45°. Requires three "C", two 9V batteries. Length, 13". **60-3037** £29.95



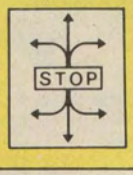
Authentic Styling

Lamborghini Racer

£22.95

- *Race the Course!*
- *Fingertip Controls*
- *For Kids of All Ages!*

When the green flag drops, GO! Sleek-looking racer goes left and right in forward or reverse. And it has Auto-Stop if you lose control. Requires two 9V and six "AA" batteries. Car length, 9½". **60-3043** £22.95

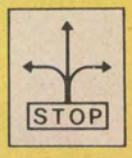


Combat Leopard Tank

£19.95

- *Looks Like the Real Thing*

Action-packed fun! Responds to forward, stop, right and left commands. Requires two 9V and three "C" batteries. Length, 8½". **60-3009** £19.95

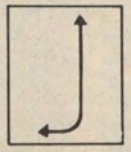


High Speed Corvette

£8.95

- *Race Against The Clock!*

Experience the behind-the-wheel thrill - you're in control with this high-speed Corvette. Has forward, reverse/turn control. Requires four "AA" and two 9v batteries. Length, 9¼". **60-3082** £8.95

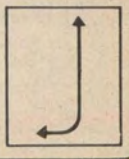


Porsche K3 Racer

£12.95

- *A Mean Machine!*

Action-packed smart scale Porsche K3 racer, steers with hand-held transmitter. Has forward, reverse/turn controls. Requires two 9v, two "AA" batteries. Length, 9½". **60-3076** £12.95



USE DEPENDABLE TANDY ENERCELL BATTERIES IN ALL YOUR TOYS AND GAMES

Radio Vehicles - Tandy® Tough and Ready to Roll!

Powerful Porsche 935 Turbo Racer

£49.95

Dual Speed Controls

- *Fingertip Control* • *Authentic Styling*
- *Direct Response*

Get behind the wheel for a race to the finish! Digital proportional steering for direct response to your commands. Goes forward and reverse, turns left/right, stops. Good, clean fun for ages six and up. Requires ten "AA", five "C" batteries. Length, 14".
60-3045 ..... **£49.95**

DIGITAL **PRO** PORTIONAL

Toyota Land Cruiser

£49.95

NEW FOR 83

- *Heavy-Duty Construction*
- *Two Speeds*
- *Steering Trim-Control*

Take on just about any terrain with this proportional Land Cruiser. Responds directly and proportionally to the steering and speed controls. Forward, reverse, turns left, right, stops. LED power-on indicator. Requires six "AA", five "C" batteries. Length, 15½". **60-3081** **£49.95**

DIGITAL **PRO** PORTIONAL

Renault Racer

NEW FOR 83

£39.95

- *Fingertip Controls*
- *European Styling*

Le fun! Helmet on. Seat belt secured. You're ready to begin an imaginary race. And in this stylish little racer, you're the sure winner. Digital proportional speed and steering controls. Requires four "C", two 9V batteries. Length, 11".
60-3080 ..... **£39.95**

DIGITAL **PRO** PORTIONAL

Mini Land Cruiser

£34.95

NEW FOR 83

- *Direct Response*
- *Two Speed*
- *Tough Wide "Rubber" Tyres*

Rugged, robust mini land cruiser tackles any terrain! With full Digital Proportional radio control it goes forward and reverse, turns left/right, stops. Requires 8 "AA" batteries, one 9v battery. Length 10½". **60-9023** **£34.95**

DIGITAL **PRO** PORTIONAL

Digital Porsche Racer With Engine Roar and Blazing Lights

£44.95

NEW FOR 83

Real "Engine" Sound

Realistic "Blazing" Headlamps

- *Goes Forward, Reverse, Turns Left/Right Stops*
- *Sleek Silver Finish*

Dual Speed Controls

Roar away to a racing start with this 3-band multi-feature, radio-controlled Porsche with realistic "blazing" headlights and engine sound! Digital proportional steering, it goes forward and reverse, turns left/right, stops. Requires four "C" and two 9v batteries. Length 11½". **60-9022** **£44.95**

DIGITAL **PRO** PORTIONAL

Action-Packed Toys For Thrills 'n' Spills

Stunt "Zoom" Cycle

£3.95

- *Realistic Engine Roar!*

Make a ramp, charge up the zoom cycle from the battery box, and watch him tear off and make death-defying leaps. Complete with realistic engine roar, and battery box. Requires 3 "D" batteries. **60-1060** **£3.95**

Sonic Controlled "Lancia"

£6.95

- *Rugged, Heavy-Duty Construction*
- *Sonic Control Gives Instant Response*

NEW FOR 83

You're in control! Forward and reverse/turn. Change direction by pressing sound signal unit trigger. For ages four and up. Requires one 9v and 4 "AA" batteries. Length 8½". **60-2382** **£6.95**

"Non-Stop" Holiday Bug

NEW FOR 83

£2.95

Avail. Sept. 30th

- *Bump 'n' Go Back 'n' Forth Action!*
- *Endless Fun For Ages Three and Over*

Let it bump into walls or doors and straight away it backs off! Non-stop for hours of fun. See it speed off to the opposite wall, and then come back. Get the holiday bug! **60-2381** **£2.95**

Computerized "Programmable" Fun From Tandy!

Lamborghini

A

£5.95

NEW FOR 83

Avail. Oct. 15th

A Set the pace with this stylish racer! Select any of six courses for it to race along by inserting the programme disk into the back. Requires 2 "C" batteries. **60-2377** **£5.95**

Police Car

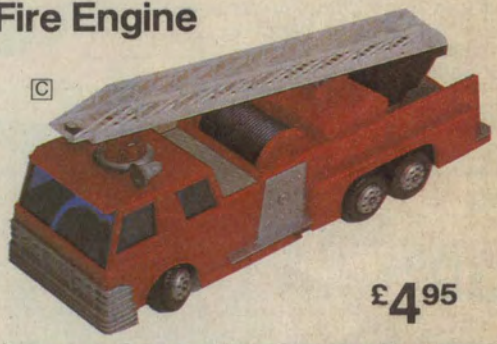
B £4.95

NEW FOR 83

B You're in hot pursuit! Six driving patterns for action packed pursuit! Pick one of the six plastic programme discs and load it. Watch it manoeuvre through a "programmed" course. **60-2379** **£4.95**

Fire Engine

C



£4.95

C Emergency - and all the thrills of a dashing rescue with Tandy's Fire-Chief computer fire engine. **60-2375** **£4.95**

Six Plastic Programming Discs!

Figure "S" | Pentagon | Polygon | Circle | Straight Ahead | Zig-Zag

Space Laser Pistol

£3.95

NEW FOR 83

- *Pulsating Light*
- *Laser Ray*
- *Variable Space Sounds*

Avail. Sept. 30th

Ideal for space games, this laser gun has a pulsating light, and variable sound control so you can identify one gun from another. Requires 9v battery. **60-2369** **£3.95**

Junior Fire Chief Helmet

£8.95

- *Siren and Flashing Red Light Operate Together for Added Realism!*

This smart snug-fitting tough moulded fire chief helmet incorporates a flashing red light and siren that work together for realistic effect. All operated by a simple sliding on/off switch. **60-3005** **£8.95**

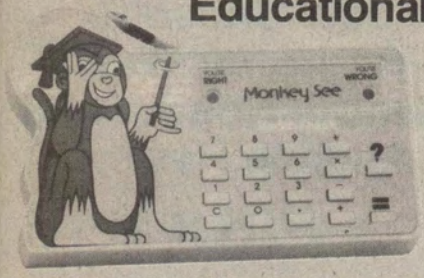
Target Game

£9.95

Try your hand and enjoy the challenge without any mess or danger. Simply aim the light emitting pistol at the photocell rotating disc target and test your ability. **60-2124** **£9.95**

Exciting Hand-Held Games From Tandy!

Educational Monkey See



NEW FOR 83

£6.95

Avail. Oct. 15th

- *Adds*
- *Multiplies*
- *Subtracts*
- *Divides*

Green light you're right, red light you're wrong with educational monkey see. The fun way for kids to learn arithmetic. It adds, subtracts, multiplies, divides and plays games, secret codes, word problems, and more. Let learning be fun. **60-1013** **£6.95**

Show 'n' Learn

NEW FOR 83

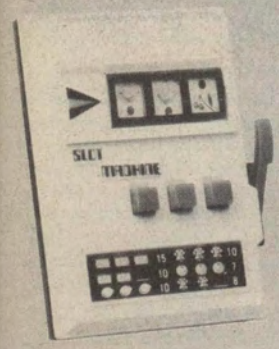
£8.95

Avail. Oct. 30th

- *Answer the Question With One of Five Answers*
- *100 Different Picture Quizzes*

Look at the picture, read the question and select the answer from a list of five, the press of a button tells you if you're right. Cards are numbered in series for learning specific topics.
60-1021 ..... **£8.95**

One Arm Bandit



£3.95

- *Nine "Winning" Combinations*
- *Pocket Size Fun For Long Journeys*

"Spin and win" with all the excitement of Las Vegas right in the palm of your hand! Pull the lever to spin the reels, press the button to stop! Nine winning combinations. Requires one "C" battery.
60-2352 ..... **£3.95**

Executive Decision Maker

£5.95

- *Six Answer Display*
- *Fun For Many Situations*

Novelty decision maker - ask your question and the red LED display answers: definately, ask again, never, forget it, why not or possibly! Smart wood-effect finish. Requires 9v battery.
60-1008 ..... **£5.95**

Metal Detectors - Get Into the Excitement of a Treasure Hunt

A Low-Cost Treasure Finder

Great for Beginner Treasure Hunters

Spots anything metallic up to 6" underground. With tuning and fine-tuning controls. Speaker changes pitch when a "find" is near. Shaft extends 27". Requires 9v battery. **60-3003** **£12.95**

B Standard Metal Detector

- *Large Easy-to-Read Meter*
- *Sensitivity Peaking Control*
- *Ferrous/Non-Ferrous Selector*

Discover relics under soil, wood, sand. Water-resistant 7" coil with Faraday Shield to nulify false readings. Lightweight (under 2lbs). Shaft extends 24". Requires 6 "AA" batteries. **63-3001** **£26.95**

C Discriminator-Type Detector

Rejects "Junk" Items Like Bottle Caps And Pull Tabs - Saves Useless Digging

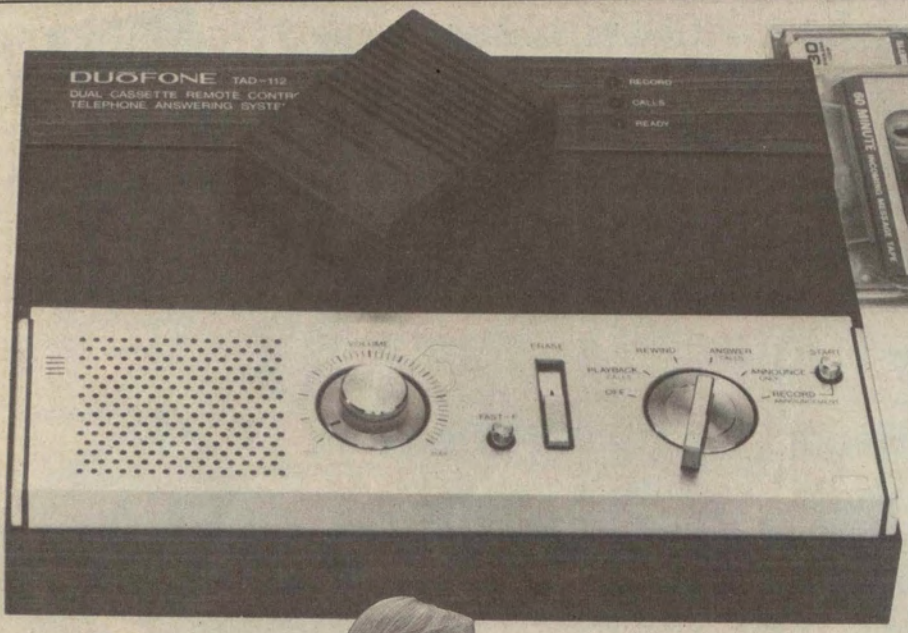
Built-in headphone jack and speaker give audible detection, and a meter gives visual signal. Handle-mounted pushbutton for automatic tuning. Water-resistant 6" search coil for more sensitive scanning. Requires 6 "AA" batteries. **63-3002** **£35.95**

Find Buried Valuables!

A £12.95 B £26.95 C £35.95

Fun and Adventure For the Whole Family!

Dual-Cassette Phone Answerers For Dependability



Dual-Cassette Answerer With Remote Control and Audible Review

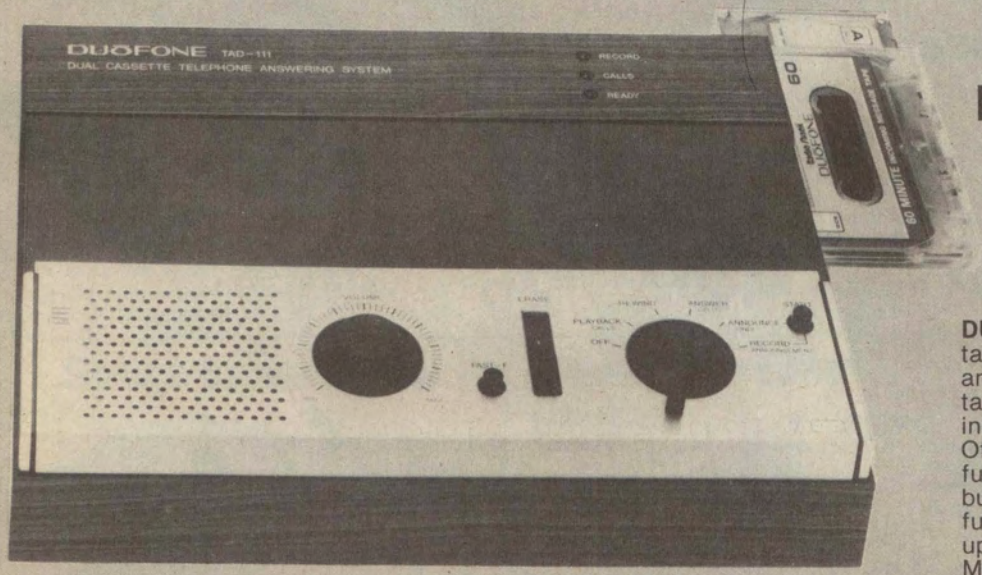
£129.95

- ***Remote Control Lets You Hear Your Messages From Any Phone***
- ***Dual-Cassette System Makes It Easy to Store And Replace Message & Announcement Tapes***

DUoFONE TAD-112. Greets callers with your own personal announcement on a 30-second cassette, then records up to 30 messages on a C-60 cassette for later playback. Audible-review allows quick back-up to desired message. When you're at home, Call-Monitor lets you determine who is on the line before picking up phone. Built-in mike, single-knob function selector. With incoming and outgoing cassettes. Answerer, 2¾x9¾x7¼". Remote, 1x3¼x2¼". (Not for coin, party or multi-line phones.) Mains operation. Remote requires 9v battery. **43-247 . . . . £129.95**

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Remote Control Lets You Call-In From Any Phone And Hear Your Messages, Then Reset Answerer for More!



Phone Answerer With Audible Review For Easy Message Handling

£99.95

- ***Audible Review Allows Quick, Easy Backup to Desired Messages for Playback***

DUoFONE TAD-111. Never miss another important call! Dual-cassettes allow easy replacement and storage of message and announcement tapes. Full-message capacity warning plus LED indicators for "Record", "Ready" and "Calls". Other features include easy-to-use single-knob function selector, volume control, fast forward, built-in condenser mike and "announce only" function. Audible review allows quick, easy back-up to desired messages for playback. Call-Monitor lets you listen to who is calling before answering phone. (Not for coin, party or multi-line phones.) Answerer, 2¾x9¾x7¼". Mains operation.
43-246 . . . . . £99.95

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Extra Announcement and Message Cassettes

Type	Recording Time	Cat. No.	Each
Announcement	15 Seconds	43-403	£3.89
Announcement	20 Seconds	43-401	£3.89
Announcement	30 Seconds	43-402	£3.99
Announcement	45 Seconds	43-404	£3.99
Message	60 Minute	43-410	£1.69

WE BACK EVERYTHING WE SELL - 300 COMPANY-OWNED STORES AND DEALERS NATIONWIDE!

Our Very Best! Computer-Controlled Phone Answerer

The Ultimate in Telephone Answering Systems!

£249.95

- ***Full Function Digital Remote Control Operation***
- ***Fluorescent Display Shows the Message Number, Plus the Date and Time Each Message Was Received***
- ***Also Doubles as a Recorder and Dictation Machine***
- ***Designed, Engineered and Manufactured In One of Our Own Tandy Factories***

DUoFONE TAD-150. The amazing, microprocessor-controlled answerer features dual-cassette operation with dual outgoing messages. And, it incorporates the same computer technology as our own TRS-80™ computers! Voice actuated circuitry records callers for as long as they talk (up to five minutes), without gaps. Unique cue feature lets you easily locate messages for convenient playback. Digital remote control duplicates most functions on the front panel, and allows you to call your own number from any telephone and hear all your messages. Four-digit "security code" assures complete privacy - only *you* can remotely operate the answerer! Features built in digital clock, all-electronic "feather-touch" controls, LED indicators, instant or delayed answer, and built-in electret mike for recording your announcements or dictation. You can even record 2-way phone conversations. Answerer. 4¼x12x9¼". Remote, ¾x6x2¼". Mains operation. Requires 9v battery for memory protection. Remote requires 4 "AAA" alkaline batteries.

43-248 . . . . . **£249.95**

Remote control gives you total command of system functions from any phone in the world! Play back calls, repeat or advance messages, "tag" an important message for instant playback, switch between answer or announce only, reset for more calls, even record a new outgoing announcement!

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

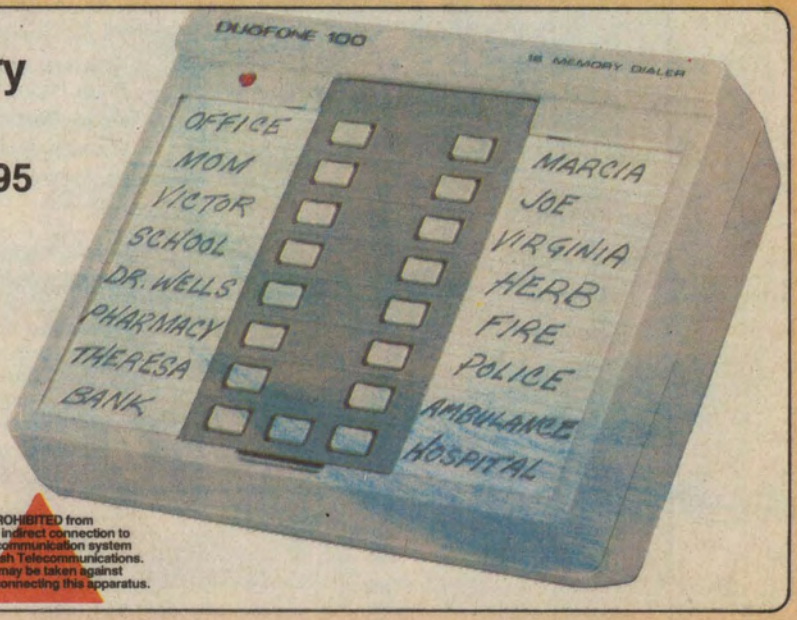
Dialer With 16-Number Memory

- ***One-Button Dialing of up to 16 Numbers on Tone or Dial Phone Lines***
- ***Speeds Business Calls - No Dialing Errors***
- ***Speeds Frequently Called and Emergency Numbers***

£44.95

DUoFONE-100. Save time with a convenient electronic memory dialer. Eliminates wasted time spent dialing or looking up frequently called numbers - stores up to 16 numbers of up to 15 digits each. Totally reliable, you can instantly 'dial' emergency numbers without fumbling for the number or misdialing. Works with tone or dial phones. LED indicator for memory and dialing. AC operation with included adapter. Requires 2 "AA" batteries for memory protection. 2¼x4½x5 3/16". 220/240v AC 50 Hz.

43-279 . . . . . **£44.95**



PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

It's the Ultimate Portable Telephone! Cordless! All-Electronic! Computerized!

£159.95 NEW FOR 83

- ***Programmable Security Code Prevents Neighbours' Cordless Phones From Dialing on Your Line***
- ***Automatic Memory Dialing of Two Phone Numers of Up to Ten Digits Each***
- ***One-Button Auto-Redial of Last Number Entered, if Busy or No Answer***
- ***Built-In Battery Charger***
- ***Doubles as a Wireless Intercom - Plug Your Regular Phone Into Base Unit***

Up to 500-Foot Range!

Cordless! Talk From Any Room or Even Outdoors!

Tandy ET-330. Thanks to a built-in microprocessor, this phone can do much, much more than any conventional telephone! You can make and take calls up to 500 feet from the base unit - without cords! Answer and hang up from the handset itself. An audible tone indicates when you're nearing the range limit of the handset. There's even a privacy button - no need to cover the mouthpiece with your hand! Universal Dial System for pushbutton convenience even on rotary lines. Handset has built-in nickel-cadmium batteries that can be charged from the built-in charger in the base or optional external charger. LED low-battery indicator. Mains operation. Base, 3 x 6 x 9". Handset, 1¾ x 2½ x 8½".

43-267 ..... **£159.95**

External Battery Charger. 270-9551 ..... **£9.49**

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

All-in-One Cordless Handset Telephone

£119.95 **Up to 50-Foot Range- Use it Indoors or Out!** NEW FOR 83

Avail. Oct. 30th

- ***Answer and Hang Up From the Handset, Move Around Home or Office Free From the Restrictions of a Trailing, Tangling Cord***
- ***Auto-Redial of Last Number Entered if Busy or No Answer***
- ***Privacy Button - No Need to Cover Mouthpiece With Your Hand***
- ***Includes Built-In Automatic Battery Recharger!***

Tandy ET-320. A convenient, stylish addition to any home or office this cordless all-electronic phone couldn't be easier to use. There's no cord to tangle or to get in the way, so you can move around and talk at will. Since the pushbutton dial and controls are on the portable handset, you can call, answer, hang up, and redial anywhere - from up to 50 feet from the base. The Universal Dial System works on all lines - rotary or tone dialing. Built-in antenna - no telescopic antenna to adjust. Includes built-in rechargeable nickel-cadmium batteries with automatic recharger in the base (or use the optional external charger, above). Features red and green Low-Battery, Talk and Recharging LED indicators. Mains operation. Base, 3 x 3 x 9½". Handset, 2 x 2¼ x 8¼". **43-268** **£119.95**

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

NOTE:
Phones on these two pages may be incompatible with certain hearing aids. Not for coin, party line or multi-line use.

SEE THE FULL RANGE OF TANDY TELEPHONES AND ACCESSORIES

Cordless-Handset Telephone For "Walk-and-Talk" Convenience

Frees You From Tangling Restricting Cords

£79.95

- ***Built-In Antenna - No Telescoping Antenna to Adjust***
- ***LED Indicator in Handset Shows Unit is Recharging***

Tandy ET-350. A complete answer-and-dial telephone with a cordless handset and "full duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset and talk. To call, just "dial" from the pushbutton base unit. The big difference is, you're unrestricted by a cord! You also get Auto-Redial for one-button dialing of the last number called, and a Universal Dial System for pushbutton convenience even on rotary-dial lines. There's also a "privacy" button so you never need to cover the mouth-piece with your hand, plus a pleasant tone that replaces the harsh sound of a bell. The base unit may be used on desk or wall. With built-in nickel cadmium batteries and automatic charger with LED. Mains operation. Designed, engineered and manufactured in Tandy's own factory! Base, 3¼ x 3½ x 9½". Handset, 2½ x 1¼ x 8". **43-266** **£79.95**

Cordless!

50-Foot Range Lets You Move From Room to Room

Perfect for talking in the kitchen - no cord to get in the way, burn on stove or knock over containers

Answer calls anywhere in and around you home or office

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Tandy Telephone Accessories

Portable Telephone Listener

£7.49

- ***No Wiring Required***

Low-Cost Portable Phone Listener, amplifies incoming calls so others can listen in. Features suction cup pickup coil, volume control, built-in speaker, 2 x 3 x 4¾". Requires 9v battery. **43-231** **£7.49**

Phone Jack

£2.49

Plug your phone in anywhere with this surface-mount jack. **279-353** **£2.49**

Duplex Jack

£4.49

Couples two phones, phone and amplifier, or phone and answerer from one jack. **279-357** **£4.49**

Handset Cord

Coiled 18' cord for replacement or extensions. **279-361** **£3.95**

£3.95

3 Metre Phone Cord

£2.79

Modular end fits modular jacks, other end has spade lugs. **279-7000** **£2.79**

Four Conductor Plug

Standard 4 conductor plug with colour-coded connections. **279-9000** **£3.99**

£3.99

Outdoor Phone Ringer

£17.99

- ***You Can Use One as a Low-Cost Alternative To a Second Telephone***
- ***Attention- Getting Tone***

Now you can hear your phone ringing outdoors! Great for patio, garage, workshop, anywhere! Volume controls, built-in modular jack. Weather-resistant enclosure. **279-376** **£17.99**

Tandy® For All Your Communications Needs!

Pulse-Type Dialing With Auto-Redial

£54.95

- *Selectable High/Low/Silent Ringer Switch*
- *Convenient Pushbutton Dialing*

Slim-Fone ET-250 "Pulse". Sleek styling with Universal Dial System that gives you push button operation of any line and Auto Redial of last number called. Also features selectable High/Low/Silent ringer switch, mute switch silences outgoing voices. With 14" modular cord. 8¾ x 3¾ x 4".

White. 43-332 ..... **£54.95**
Brown. 43-333 ..... **£54.95**

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Tandy's "Mini", The Personal All-Electronic Phone

£39.95

(Excluding Wall Bracket)

- *Compact One-Piece Design - Just 2¼ x 1½ x 7"*
- *Tone Ringer With Silent/ Low/High Switch*
- *Mute Switch Silences Outgoing Voices*

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Tandy ET-100. Tandy's "Mini", the Personal All-Electronic Phone is small, yet packed with convenient features! Mute switch silences outgoing voice for privacy - no need to cover the mouthpiece with your hand. Half of the 16ft cord is coiled - it will not clutter desk or table.

White Mist. 43-284 ..... **£39.95**
Dark Brown. 43-285 ..... **£39.95**

Matching Wall Bracket. Mounts directly over standard modular wall jack.
White, 43-184. Brown, 43-185 ..... **£4.49**

Add the Style and Taste of a Continental Fashion-Phone

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

French Continental

£59.95 NEW FOR 83

An elegant addition to your living room or bedroom. Beautiful golden hue and ivory-coloured base add to the "Old World" charm of this antique style phone. Complete with 7ft. base cord.
43-329 ..... **£59.95**
Available Oct. 30th

Imperial Classique

NEW FOR 83 **£64.95**

The phone fit for royalty! Exquisitely detailed scrollwork adorns the antiqued brass base and handset of this classic design. Extended dial for easier operation. With coiled handset cord, 7ft. base cord.
43-323 ..... **£64.95**
Available Oct. 30th

PROHIBITED from direct or indirect connection to any telecommunication system run by British Telecommunications. Action may be taken against anyone so connecting this apparatus.

Automatic Phone Directories

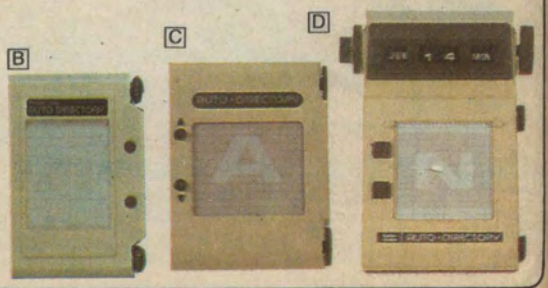
A

A **Desk Top Automatic Directory.** Electric rotating flip-card name and number auto-directory gives easy access to up to 350 numbers at the touch of a key. Requires 2 "C" batteries. 4⅝ x 5¾ x 7⅜". **43-9001** **£19.95**

B **Pocket Directory.** Only 3 x 5 x ¾", yet it holds up to 200 names and numbers. Requires 2 "AAA" batteries.
43-109 ..... **£4.95**

C **Portable Hand Directory.** Forward and reverse electric drive finds any of 390 names. 5⅛ x 3¾ x 1⅛". Requires 2 "AA" batteries. **43-112** **£5.49**

D **Calendar Directory.** Manual calendar, electric or manual access to up to 390 numbers. 3½ x 5 x 7¾". Requires 2 "AA" batteries. **43-106** **£9.95**



SEE THE FULL RANGE OF TANDY TELEPHONE & ACCESSORIES

Take a Tandy® Clock Everywhere You Go!

"Pro" LCD Quartz Stopwatch

£24.95

- ***Weighs Only 2 Ounces***
- ***Audible Signals***

Audible signal indicates start/stop/lap/reset. Display shows up to nine hours, 59 minutes, 59 and 99/100 seconds. Accurate to 1/100 sec. Includes neck cord, manual and battery. **63-5008** **£24.95**

LCD Stopwatch/Clock

£19.95

- ***Includes Neck Cord***

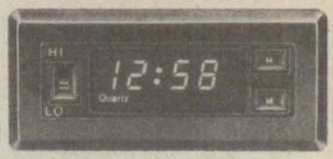
Big 0.4" display times to 59 minutes, 59 and 99/100th seconds. Lap and total time. Reads hours/minutes/seconds and month/date/day. Includes battery, neck cord, manual. **63-9001** **£19.95**

Accurate Quartz Clocks for Vehicles

[A] **Fluorescent Car Clock With Tachometer and Headlight Warning.** Built-in tach for monitoring engine performance—works with 4, 6 or 8-cylinder petrol powered vehicles. Warning light and buzzer alert you when headlights are left on. Accurate quartz-controlled time. Display dims automatically for night driving and blanks when ignition is off. Controls for hour/minute time setting. 1⅞ × 3⅝ × 1½". **63-837** **£21.95**

[A] **£21.95** ***With Tach and Headlight Warning***

[B] **LED Mini Clock.** High contrast display adds beauty and convenience to vehicles. Hi-Lo brightness control, blanks when ignition is off. 1½ × 3½ × 1⅜". **63-833** **£14.95**



[B] **£14.95**

[C] **Fluorescent Car Clock With Alarm.** Easy-to-read display dims automatically for night driving and blanks when ignition is off. 24-hour alarm and recessed fast/slow alarm and time-set. 1⅞ × 4 × 1⅝". **63-834** **£17.95**

[C] **£17.95**

NOTE: Micronta vehicle clocks operate on 12VDC pos. or neg. gnd. (except 63-837, neg. gnd. only). All include complete instructions and hardware for mounting in or under dash of most vehicles.

Micronta™ Quartz Alarms—Ideal Travel Companions

£14.95

Deluxe Travel Alarm. Fits in pocket, purse or briefcase! LCD display features AM, PM, and "alarm" indicators. Backlight for night viewing, snooze control. Durable moulded case folds to 3 × 3⅛ × 11/16". With battery. **63-702** **£14.95**

NEW FOR 83

£8.95

Available Oct. 15, 1982.

Micro LCD Travel Alarm. Compact for easy fit. Prominent display with backlight. Snooze button, hour/minute time-set, loud crisp alarm, swing-out stand. AM and PM indicators. 1½ × 2¼ × 7/32". With battery and vinyl carry pouch. **63-704** **£8.95**

£9.95

Mini Quartz Alarm. Tiny, yet features luminous hands, sweep second hand, time and alarm controls on rear. Durable moulded housing 2¼ x 2¼ x 1⅛". Requires "AA" battery. With fitted carry pouch. **63-715** **£9.95**

LCD "Anywhere" Clock

Mount It Anywhere **£9.95**

Slide-in bracket and double-sided tape makes for easy mounting on car or boat dash, TV set, computer, stove, wall—anywhere! Features liquid crystal digital display with AM and PM indicators, and switchable backlight. 1¼ × 3 3/16 × 7/16". With battery. **63-836** **£9.95**

Cordless Quartz Clocks Look Great On Your Wall!

[A] **£15.95**

[B] **£13.95**

[A] **Cordless Wall Clock.** Large numerals and hands for easy reading across a room — and no power cord to restrict placement or mar appearance of your wall! Quartz controlled for accuracy. With sweep second hand. Operates up to one year on one "C" battery (not incl.). 10 x 10 x 2½". Handsome simulated walnut trim. **63-801** **£15.95**

[B] **Round Cordless Wall Clock.** Big 7½" diameter, with large hands and numerals for easy reading, plus sweep second hand. Quartz controlled for accuracy. Operates up to one year on one "AA" battery (not incl.). **63-802** **£13.95**

Style and Reliability—Micronta™ Quartz LCD Watches

A £19.95 B £18.95 C £15.95 D £25.95 E £9.95

All Include Batteries, Backlighted Displays

A **Calculator/Watch.** Eight-digit 4-function calculator, mineral lens, dual time, calendar, 1/100 sec. stopwatch with lap time, 24-hour alarm. **63-5054** **£19.95**

B **Slim Chrono-Alarm Watch.** Thin metal case and band, day/date display. 1/10 sec. stopwatch, mineral lens, 24-hour alarm, chimes on the hour. **63-5053** **£18.95**

C **Lady's Watch.** Shows hour and minutes, or month, date, day. Adjustable band, mineral lens. **63-5052** **£15.95**

D **LCD Quartz Chrono Alarm Watch.** Backlighted numerals with PM indicator. Stopwatch with lap time and 24-hour alarm with set indicator. Reads month, day and date. Adjustable band, mineral lens. **63-5006** ... **£25.95**

E **Sport Watch.** Shows hours/minutes, or month/date, internal stopwatch with lap and total timing. **63-5007** **£9.95**

Pens With Built-In LCD Digital Watches

A £5.95

B £8.95

The "Timely" Writing Tool

- *Uses Standard "Parker-Size" Refill*
- *Slim, Stylish*
- *Accurate to One Minute Per Month*
- *Each Includes Battery*

A **Watch Pen.** Now you can have the time at your fingertips! Displays hours, minutes and seconds or month and date. **63-5075** **£5.95**

B **Watch Pen With Alarm.** Just set alarm to remind you of your important appointments. Displays hours/minutes/seconds or month/date. Chimes on each hour. **63-5076** **£8.95**

Biofeedback Monitor—Learn to Relax

£9.95

- *"Hear" Your Body React to Stress*
- *Sensitivity Control*

Attach the two sensors to your fingertips, then listen to a tone that rises when you're under stress and drops as you relax. Detects changes in skin resistance. Also fun for "lie detector" games. Built-in speaker, earphone jack, instruction manual. Requires 9V battery. **63-675** **£9.95**

Light and Moisture Meter For Growing Healthier Plants

£5.95

- *Self-Powered*
- *Probe Holder*

Coiled Cord Extends to 36" - Easy to Use Even With Hanging Plants

Meter switches from light to moisture readings instantly. Pointed probe for easy insertion even in dry soil. 28-page manual with readings for hundreds of plants. 6½ x 1½ x 1". **63-685** **£5.95**

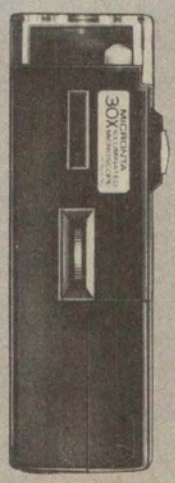
Deluxe Illuminated 30X Microscope

£2.99

Dual-power lighted magnifier enables you to read diagrams and type with its 3" main lens - or use the 1" inset lens for greater magnification. Requires two "AA" batteries. **63-848** **£2.99**

Dual-Power Lighted Magnifier

£12.95



Great for examining stamps and coins or working on jewellery and microcircuits. Puts light directly on object. Thumbwheel focus control. 5½" long. Vinyl case. Requires two "AA" batteries. **63-850** **£12.95**

Indoor/Outdoor Thermometer

- *All-Electronic Operation*
- *Dual-Range Scale*

£19.95

Big 4½" scale reads -40° to +120° Fahrenheit, -40° to +50°. Celsius. Simulated walnut finish. Outdoor sensor may also be placed in another room, aquarium even a freezer. Requires 9V battery. **63-651** **£19.95**

Electronic Clocks—Accuracy You Can See and Hear

Exclusive VoxClock™ Talking Clock "Tells" You the Exact Time

£39.95

- *Attractive, Compact Cube*
- *Announces Time Hourly, Or When You Press Time Button*

Just press the button and a voice tells you the time—hour and minute, followed by "a.m." or "p.m."—it seems like magic! Inside this handsome little cube is an accurate quartz-controlled timekeeper plus the very latest computer technology—an electronic speech synthesis circuit. No moving parts! Easy-to-set recessed controls on the bottom. Select high or low volume, and turn the hourly time announcement on or off. Sides are finished in beautiful simulated walnut grain, accented by a brushed aluminium top with chromed edges. A thoughtful gift for a friend or relative with impaired vision. 2⅜x2⅞x2⅞. Requires three "AA" batteries. **63-902** **£39.95**

A Sensational Gift! The Amazing Clock You Don't Have To See!

Digital Alarm Clocks With Battery Backup and Sentinel

Even if Mains Power Fails, You'll Be On Time! Battery Backup Operates Clock, Without Display, At Least 8 Hours and Alarm for 10 Minutes!

BATTERY BACK-UP

NEW FOR 83

A

£26.95

Available Nov. 15th, 1982

B

£24.95

All clocks above require a 9V battery for Back-up feature.

A **Dual Display Alarm.** Two displays let you see the present time and alarm time simultaneously! Features 0.9" LED time display, 0.3" LED alarm display, snooze control, 24-hour alarm, hi/lo brightness, and PM indicator. Battery Backup system keeps clock running and powers alarm in case of power failure. Battery Sentinel™ warns of weak battery, or battery not installed. 4¼x8¾x2½". **63-777** **£26.95**

B **Jumbo LED Alarm.** Big 1.8" display is easy to read from across the room! Features slow/fast time and alarm setting, snooze control, 24-hour alarm, hi/lo brightness, PM and "alarm" indicators, Battery Backup and Sentinel. 4⅛x8⅝x2½". **63-825** **£24.95**

C **Dual Alarm/Calendar.** "His" and "hers" alarm settings allow two separate wakeup times without resetting! 0.7" LED display has hi/lo brightness and PM indicator. Read month and date or time. 24-hour alarm, Battery Backup and Sentinel. 2½x6½x3½". **63-776** .. **£19.95**

D **Fluorescent Display Alarm.** Fluorescent 0.6" display is easy to read—even in bright light! Features AM and PM indicators, 24-hour alarm, snooze control, automatic brightness, hour/minute time setting, Battery Backup and Sentinel. Attractive simulated woodgrain finish. 2⅛x5½x3". **63-753** **£16.95**

E **LED Digital Alarm.** Distinctive styling, fit-anywhere size and a low price! 0.7" digits with PM and "alarm" indicators, 24-hour alarm, snooze control, Battery Backup and Sentinel. 2⅛x5½x3". **63-826** **£14.95**

C

£19.95

D

£16.95

NEW FOR 83

E

£14.95

Economical Digital Alarm

Easy-to-read 0.7" LED Display

£12.95

Economical Digital Alarm. Bargain price, yet has all the important features! Fast/slow controls for setting time and alarm to exact minute you want, snooze control that's operated by pushing down *anywhere* on top of the clock, and built-in protection against brief power failures. 2x4½x4". **63-752** **£12.95**

Solar-Powered Calculators - Never Need Batteries

NEW FOR 83

Card-Size LCD Calculator

Includes Wallet

£12.95

- *8-Digit Liquid Crystal Display*
- *4-Key Memory*

Tandy EC-403. All you need to keep this full-feature calculator working is light! Auto-constant, square root and percent keys. Memory lets you store and recall numbers. Plus/minus sign change. 3¾ x 2¼ x ¼". **65-901** **£12.95**

NEW FOR 83

Deluxe LCD With 4-Key Memory

Includes Wallet

£14.95

- *± Sign Change*
- *8-Digit Display*
- *Auto Constant*

Tandy EC-402. High efficiency solar cells provide calculating power even in dim indoor light. Four-key memory lets you store numbers, then recall and use them again. Percent and square root keys. 4 7/16 x 2 9/16 x ¼". **65-689** **£14.95**

Calculation Are Not Lost By Momentary Interruptions of Light

Count on These 8-Digit LCD Calculators for Accuracy and Value

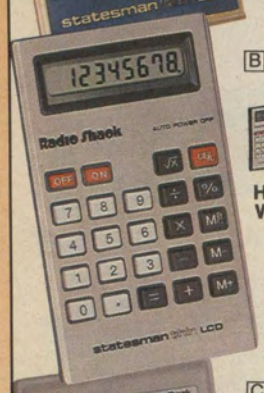
A

Handy Wallet

Musical Entry Tone

£9.95 NEW FOR 83

A **Tandy EC-276.** "Beep" verifies entry. tone on-off key. Auto power-off, 3-key memory, square root, percent keys. 4 x 2⅜ x 3/16". With batteries. **65-687** **£9.95**



B

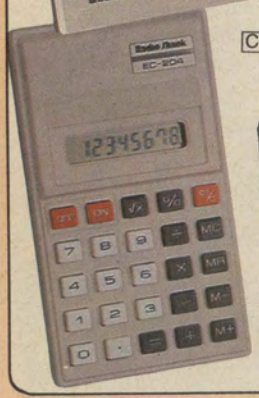
Handy Wallet

"Statesman" Super Thin

£9.95 NEW FOR 83

B **Tandy EC-274.** Less than 5mm thick! Three-key memory, auto power-off, square root and percent keys. 4¼ x 2⅜ x 3/16". With batteries. **65-686** **£9.95**

Available 30th September, 1982



C

Carry Pouch

Value-Priced, Full Size

£6.95 NEW FOR 83

C **Tandy EC-204.** Four-key memory. Auto power-off. Square root, percent keys. Operates 10,000 hours on two "AA" batteries (not incl.). 4 13/16 x 2¾ x 11/16". **65-685** **£6.95**

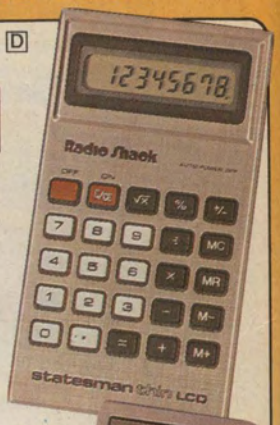
Deluxe 4-Key Memory

NEW LOW PRICE **£12.95**

Auto Power-Off Saves Batteries

D **Tandy EC-273.** Soft touch keys for easy entry. Square root, percent and sign-change keys. 4 7/16 x 2 7/16 x 9/32". With batteries. **65-683** ... **£12.95**

Handy Wallet



D

4-Key-Memory "Mini"

NEW LOW PRICE **£7.95**

Square Root, Percent Keys

E **Tandy EC-271.** Separate off, on/clear, and clear entry keys. Auto power-off. 3½ x 2 x 7/32". Batteries included. **65-678** **£7.95**

Carry Pouch

E

Low-Price-Full-Function

NEW LOW PRICE **£4.95**

F **Tandy EC-203.** A lot of calculating power for very little money. Four-key memory, square root and percent keys. 4 7/16 x 2 7/16 x 13/16". Requires two "AA" batteries. **65-684** **£4.95**

Carry Pouch

F

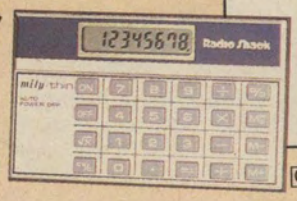
"Mity-Thin" Credit-Card Sized

NEW FOR 83

G **Tandy EC-277.** An incredible price for a full-feature calculator. Three-key memory, square root and percent keys, auto power-off. Measures only 2 x 3⅜ x 3/16"! With batteries. **65-688** **£7.95**

£7.95

"Card" Case



G

LCD Calculators for Business and Professional Use

Powerful Programmable Scientific

£29.95 • *7 Memories* • *61 Functions* • *38-Step Programming*

A **Tandy EC-4004.** Regressional analysis, integrals, and the use of up to 18 nesting parenthesis at six levels. Full floating decimals. Ten-digit mantissa. 5¼ x 2⅞ x 8/32". With detailed manual and battery. **65-658A** **£29.95**

50-Function Scientific

NEW FOR 83 • *10 or 8 Digit Mantissa* • *Independent Memory* **£24.95**

B **Tandy EC-499.** All the math power you need for most complex problems. Six levels of parenthesis, and exponents 10^{99}. Random number generator. 5 3/16 2 13/16 x ⅜". With long-life battery. Power-off memory retention.
65-655A **£24.95**

Calculator for Financial Work

£16.95 *Computes Interest, Annuities, Dates* NEW FOR 83

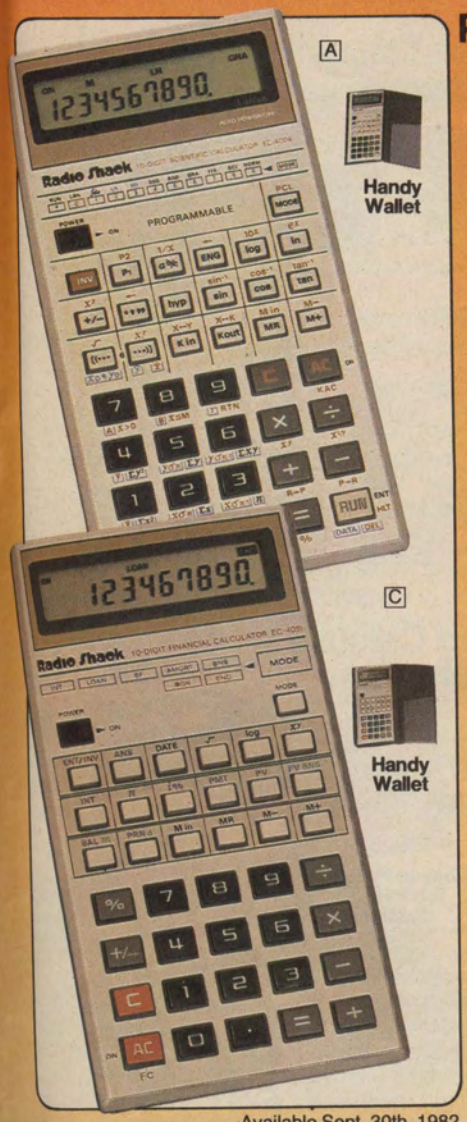
C **Tandy EC-4051.** Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and a lot more. Ten-digit LCD display. Auto power-off. 5¼ x 2 13/16 x 5/16". With detailed manual, battery. **65-995** **£16.95**

42-Function Scientific

NEW FOR 83 • *Standard Deviation* • *Random Numbers* **£17.95**

D **Tandy EC-4006.** Value priced! Ten-digit mantissa, eight with two-digit exponents. Six levels of parenthesis, standard deviation, random number generator. Has auto power-off with memory retention. 5⅞ x 3 x ¾". Requires two "AA" batteries. **65-975** **£17.95**

Available 30th September, 1982

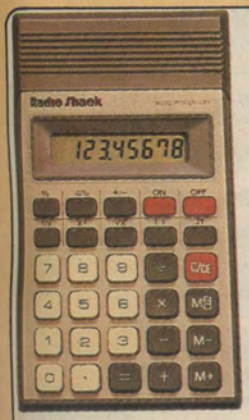


Available Sept. 30th, 1982

Versatile Slide-Rule Calculator

£8.95

NEW LOW PRICE



Includes Vinyl Carry Pouch

- *3-Key Memory*
- *Auto Power-Off*
- *Memory Retention*

Tandy EC-4005. A fantastic, low-priced math tool that's ideal for students. Advanced features include %, 1/x, x^2, ( ), and π. 5 x 2 9/10 x 2/5". Requires two "AA" batteries. **65-659** **£8.95**

Metric Conversion Calculator

£12.95

Includes Wallet

Performs 30 Metric Conversions Quickly!

Tandy EC-315. Retains memory with power off. Does basic math operations plus metric conversions. Eight-Digit display, two memories. Auto power-off. 3 31/32 x 2⅜ x ¼". Includes long-life batteries. **65-697** **£12.95**

Low-Cost LCD Scientific For Students

£13.95

NEW LOW PRICE

Includes Wallet

- *40 Function Keys*
- *5-Digit Mantissa*

Tandy EC-476. Eight-digit display. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. 5 1/16 x 2¾ x ⅜". With long-life batteries. **65-656** **£13.95**

TANDY STOCK A COMPLETE SELECTION OF ENERCELL CALCULATOR BATTERIES

Tandy® Calculators - Ideal for Home, School or Office!

LCD Alarm Stopwatch Calculator

£19.95

NEW FOR 83

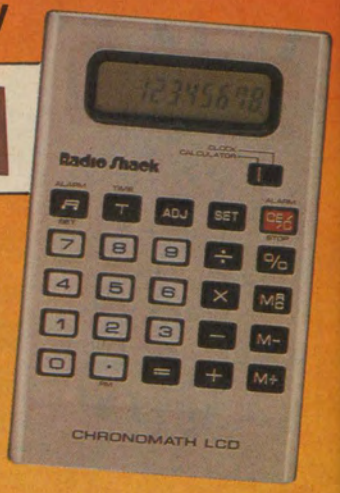
Stopwatch Shows Lap and Total Time To 1/10 Second!

Tandy EC-304. A pocket information centre! Eight-digit calculator features 3-key memory, percent, square root, and decimal keys. Display shows time, stopwatch or time/day/date. Easy to set, with PM and alarm-on indicators. 2 5/16 x 3 11/16 x 1/4". Includes vinyl case and long-life batteries. **65-694** **£19.95**

LCD Calculating Timepiece With Built-In 3-Key Memory

£14.95

Includes Handy Case



- ***Big 8-Digit Display***
- ***24-Hour Alarm Sounds For 15 Seconds***

Tandy EC-303. Clock displays up-to-the-second time - hours, minutes and seconds with PM and alarm-on indicators. Or switch to "calculator" with percent and standard maths functions. 3 5/8 x 2 1/4 x 1/4". Includes long-life batteries. **65-693** **£14.95**

Feature-Packed LCD Cheque Book Calculator

NEW FOR 83 **£17.95**

- ***Makes Cheque Book Calculations Easy***
- ***3 Separate Memories For Cheque Book And Credit Card Balances***

Realistic EC-306. Designed with your budget in mind - features deposit, cheque, charge, payment and balance keys. Also figures percent and standard maths problems. Fits easily in pocket or handbag. 6 1/16 x 2 27/32 x 1/4". Includes long-life batteries. **65-696** **£17.95**

Child's Learning Calculator Makes Maths Fun

The Ideal Way for Kids Who Can Read To Learn How to Use a Calculator

£9.95

Easy-to-Follow Illustrated Booklet

Tandy EC-351. Give your youngster a head start with this educational calculator. Makes it a snap for youngsters to learn maths basics - they'll be adding, subtracting, multiplying and dividing in no time! Eight-digit liquid crystal display. Colourful, unique styling. 6 1/4 x 3 3/4 x 3/4". Requires two "AA" batteries. **65-825** **£9.95**

Available 30th September, 1982

Batteries for Calculators Watches, and Hearing Aids

Silver Oxide Watch/ Calculator Batteries

Extra Protection Against Leakage

Silver oxide ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.

Tandy	Replaces		Cat.No.	Each
	Eveready	Duracell		
76	EPX76	D357/10L14	23-009	2.95
389	389	D389/10L122	23-101	1.99
392	392	D392/10L125	23-102	1.29
393	393	D393/10L123	23-103	1.99
303	303	D303/WS14	23-104	2.95
357	357	D357/10L14	23-105	2.95
386	386	D386/10L124	23-106	2.95
391	391	D391/10L130	23-107	1.95

Alkaline Calculator Batteries

Maximum protection from leakage through exclusive sealing design. Long life keeps your calculator running at peak performance.

ENERCELL for Maximum Performance

Tandy	Replaces		Cat.No.	Each
	Eveready	Ray-O-Vac		
357A	A76	RW82	23-115	99
386A	186	RW84	23-116	99
389A	189	RW89	23-117	99
391A	191	....	23-118	99

Lithium Watch Calculator Batteries

Breakthrough in lightweight, high-voltage, high energy-density power for watches and calculators! Lithium cells are the latest in high-performance power sources.

Tandy	Replaces		Cat.No.	Each
	Eveready	Duracell		
CR2016H	E2016	DL2016	23-160	1.29
CR2025	E2025	DL2025	23-161	1.29
CR2032	E2032	DL2032	23-162	1.29
CR2320H	E2320	.....	23-163	1.29

Printing and Desktop Calculators for Instant Answers

Rechargeable LCD Pocket Printer Calculator With Full 4-Key Memory

With Handy Case

NEW FOR 83

£49.95

Ultra-Compact Size - Carry It with You Anywhere

Tandy EC-3008. A multi purpose companion! Ten-digit display shows up-to-the second time, date or calculations - you can even print out a monthly calendar of any year from 1901 to 2099. Features percent key, time/calculator/print selector switch. 5 x 2 13/16 x 3/4". With nickel cadmium batteries, mains adapter/recharger, sample roll of paper.

65-665 ..... **£49.95**
Thermal Paper. Five rolls.
65-711 ..... **£1.49**

Hand-Held LCD Print Display Calculator

NEW FOR 83

High-Speed Impact Printer Gives You A Permanent Record On Standard Paper

£34.95

Tandy EC-3009. Lightweight and compact for desktop or portable use. Many deluxe features - 4-key independent memory, 10-digit display, auto constant, percent key, full floating and fixed decimal, paper feed key, print/non-print selector switch. Includes sample roll of paper. 7 3/4 x 2 15/16 x 1 3/4". Requires four "AA" batteries or mains adapter.

65-666 ..... **£34.95**
Mains Adapter. 270-9538 ..... **£6.99**
Printer Paper. Three rolls.
65-712 ..... **99p**

Deluxe 10-Digit Impact Printing Calculator With 4-Key Memory

£69.95

Efficient Ink Roller Printer System Uses Standard Paper

Tandy EC-3007. Select display-only or use the printer for a permanent record. Decimal point placement, round-off controls. Features percent, gross profit margin, standard math keys. 2 1/2 x 7 1/2 x 9 1/4".

65-664 ..... **£69.95**
2 1/4" Printer Paper. Three rolls. **65-710** **£1.99**

12-Digit Desktop With Dual Memories

- *Shift Key for Easy Error Correction*
- *Double Zero Key*

£29.95

Tandy EC-2004. Accurate and attractive for a variety of uses. Features round-off, item count, square root and percent of change keys. 2 x 6 1/4 x 7 3/4". Requires two "AA" batteries.

65-663 ..... **£29.95**

Fluorescent Display Memory Desktop

- *10-Digit Display*
- *Gross Profit Margin, Percent of Change Keys*

£19.95

Tandy EC-2001. Features fixed or floating decimal, auto constant, item and percent keys. Requires two "D" batteries or mains adapter. 1 7/8 x 6 x 6 1/2".

65-660 ..... **£19.95**
Mains Adapter.
270-9538 ..... **£6.99**

Budget-Priced 8-Digit LCD Desktop

Full-Keyboard Convenience in A Compact Size!

£12.95

Tandy EC-2003. Percent and square root keys, with full floating decimal point. 4 3/4 x 4 3/4 x 1 1/2". Requires two "AA" batteries.

65-662 ..... **£12.95**

Thermal Paper for Printing Calculators

Type	Fits	Cat. No.	Rolls	Price
2 1/4" w/core	65-645 65-646 65-644 65-643	65-706	3	1.99
1 1/2" w/core	65-647 65-648	65-708	3	.99
1 1/2" coreless	65-649	65-709	3	.99
1 1/2" coreless	65-665	65-711	5	1.49

Calculator Stand

Adjustable Angle

NEW FOR 83

£1.39

Adapts hand held calculators to desktop use. Non-slip feet.
65-705
£1.39

New Low Price! The Original TRS-80 Pocket Computer

Portable! Programmable! Affordable!

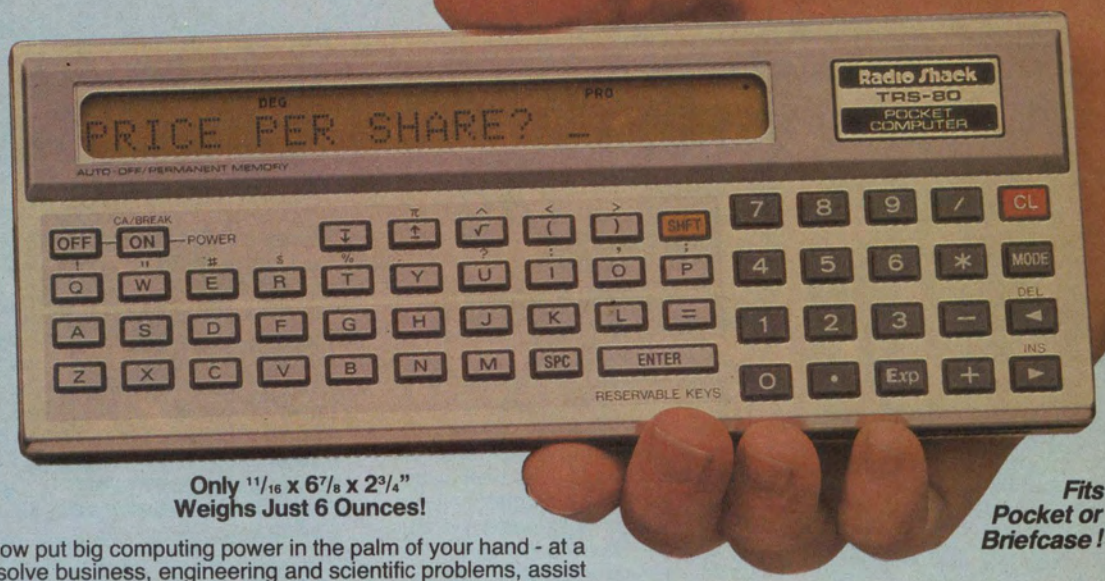
NEW LOW PRICE

Was £119 in 1981/82 Catalogue

Now Only

£89.00

- *Programs in Easy-to-Learn BASIC or Uses Tandy's Ready-to-Run Software*
- *1.9K Random Access Memory*
- *Retains Programs and Data Even When Power Is Off*



Only 11/16 x 6 7/8 x 2 3/4"
Weighs Just 6 Ounces!

Fits Pocket or Briefcase!

TRS-80™ PC-1 Pocket Computer. Now put big computing power in the palm of your hand - at a lower-than-ever-price. The PC-1 can solve business, engineering and scientific problems, assist with decision-making, teach, even entertain! Load ready-to-run programs from cassette tape (with optional extra interface and recorder), or program it yourself. 24-character alphanumeric liquid-crystal readout displays one line at a time. Features 15 arithmetic functions, 10-digit numeric accuracy, 2-digit exponents, editing, multiple statements, strings, arrays and more. Automatic statement compaction squeezes every ounce of memory space. Automatic power-off saves battery life. Complete with batteries, comprehensive manual and quick reference card.
26-3501 ..... **£89.00**

Includes Case

Ready-to-Run PC-1 Cassette Software*

Personal Finance. Household expenses, chequebook, etc. **26-3518** .. **£12.95**

Business Statistics. Seasonal variation, normal T/F distributions, descriptive statistic, multiple regression, and more. **26-3516** **£12.95**

Business Finance. Computes loans, annuities, bond price, yield, compound interest, depreciation, and more. **26-3517** **£12.95**

Statistical Analysis. Descriptive statistics, correlation, regression, chi square, distributions, multiple regression. Avail. Oct. 30 **26-3522** **£15.95**

Surveying. Convert field measurements into final property boundaries. Includes leveling, volume, irregular area, closure, and more. **26-3512** **£19.95**

Aviation. All basic pilot equations and conversions, altitude, airspeed. Mach number, off-course correction, drift angles, and more. **26-3513** **£15.95**

Civil Engineering. Simple beam computations, stress in cylinders and bolt torque, cantilevered beams, and more. **26-3511** **£15.95**

Electrical Engineering I. Low and high-pass, active and passive filter design, complex impedance calculator for passive circuit analysis, low-frequency transistor amplifier design, RF coil design, current or resistance to wire size, and more. **26-3520** **£15.95**

Engineering Math I. Gaussian matrix, reduction, matrix multiplication, matrix inversion. Avail. Oct. 30 **26-3525** **£9.95**

Engineering Math II. Common vector analysis in three dimensions, complex number arithmetic, trigonometry, exponent functions. Avail. Oct. 30
26-3526 ..... **£9.95**

Engineering Math III. Linear simultaneous equations, polynormal math, calculus. Avail. Oct. 30 **26-3527** **£7.95**

Engineering Math IV. Variety of triangle problems. Avail. Oct. 30
26-3528 ..... **£5.95**

Games I. Spaceship Landing, Treasure Hunt, Craps, and more.
26-3515 ..... **£9.95**

Games II. Blackjack, Baccarat, Aceyducey, and more. **26-3523** **£9.95**

Math Drill. Teaches basic skills to primary children. **26-3514** **£9.95**

*Requires cassette recorder, plus cassette interface or printer/interface.

PC-1 Pocket Computer Printer/Cassette Interface

£89.95 (PC-1 Not Included)

Prints 16 dot-matrix characters per line at one line per second with "wrap around". Allows saving and loading programs and data on cassette tapes with recorder (below). Includes rechargeable batteries, adapter/charger, paper, ribbon cartridge, cassette cable, manual. 1 1/2 x 11 3/32 x 3 3/4".
26-3505 ..... **£89.95**
Printer Paper. Six rolls. **26-3506** **£1.29**
Ribbon Cartridge. 26-3507 ..... **£1.59**

PC-1 Carrying Case

Protect your Pocket Computer and Interface during business trips or field work with this padded vinyl carry case. Pockets hold extra paper, pens, cards. **26-3508** **£9.95**

Cassette Recorder

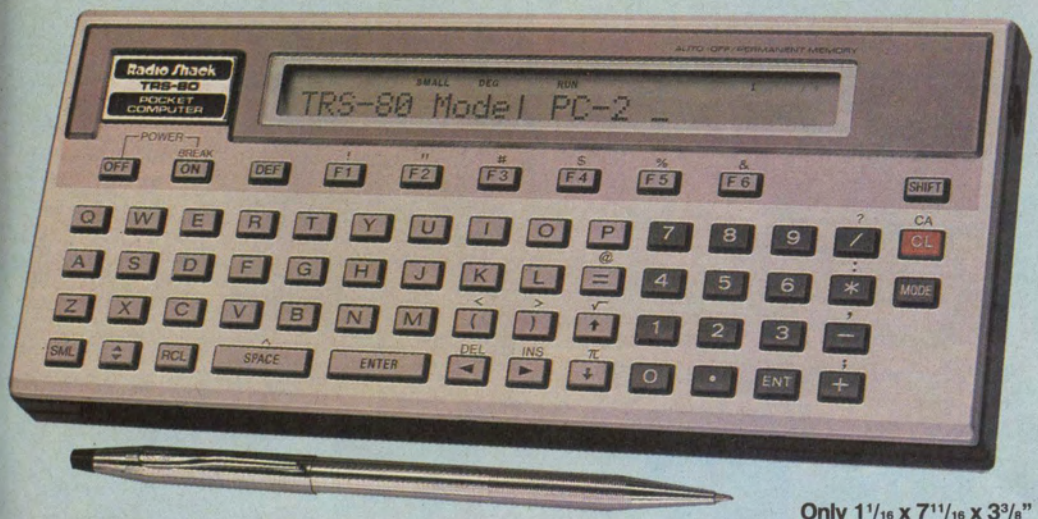
New Low Price! Minisette-9. Just 1 5/16 x 7 3/15 x 4 9/16". Requires 4 "AA" batteries.
14-812 ..... **£49.95**
AC Adapter For 14-812 ..... **£9.49**

Cassette Interface

New Low Price! Load and save programs and data on cassette tapes, interlocks with PC-1. 7/8 x 8 1/4 x 3 1/2". Requires 3 "AA" batteries.
26-3503 ..... **£14.95**

SEE YOUR NEAREST TANDY STORE OR DEALER FOR THE LATEST SOFTWARE RELEASES

Tandy's® Most Powerful Pocket Computer Ever!



As Fast As Many Desktop Computers! Expandable, Too!

£179.00 NEW FOR 83

- *Uses Extended Pocket BASIC For Speed and Compatibility*
- *Upper and Lower Case Display*
- *Addressable Dot-Matrix Graphics*
- *2640-Character User Memory For Program and Data Storage*
- *Plug-In Slot for Easy Memory Expansion - Either ROM or RAM*

Only 1 1/16 x 7 11/16 x 3 3/8" Weighs Just 14 Ounces!

TRS-80™ PC-2 Pocket Computer. The new PC-2 puts powerful computing features into the hands of engineers, students, businessmen, professionals - anyone with problems to solve on the go! Its Extended BASIC language includes 42 statements, 36 functions and 6 commands, plus 2-dimension arrays, variable length character strings, program chaining and many other features. Compatibility with our original Pocket BASIC, allows many programs to be keyed-in and run. Or use the ready-to-run programs designed especially for the PC-2 (below right). For big jobs, you can expand with 4K or 8K of additional RAM through a plug-in module. Expands externally through 60-pin I/O connector. The 156 x 7 dot-matrix Liquid Crystal Display is fully dot addressable to produce symbols and special characters. The 65-key keyboard has both a typewriter layout and 10-key datapad. There are 18 programmable key functions and 18 user-definable label keys as well. The quartz real-time clock is accessible from both the keyboard and BASIC. There's even a programmable, variable-tone beeper! All memory information is retained when power is off. Requires 4 "AA" batteries. **26-3601** **£179.00**

PC-2 Printer/Plotter/Cassette Interface Prints 4 Colours, Controls 2 Recorders

(PC-2 Not Included)

NEW FOR 83 **£159.00**

- *Prints in Green, Red, Blue and Black*
- *Full XYZ-Axis Graphics With Special BASIC Statements for Drawing and Plotting*
- *Store and Load Data With Two Cassette Recorder*

This incredible accessory turns your PC-2 into a powerful, completely portable computer system. You get fabulous four-colour graphics, plus upper and lower case alphanumeric printouts in 9 character sizes. Prints 256 x 4096 graphics with easily replaceable ballpoint pens. Adds 25 commands and statements to PC BASIC to make plotting easy. Dual cassette operation allows data to be read in from one cassette, updated and stored on a second cassette - all automatically under program control. Makes automatic data logging and program overlays easy! And there's a built-in 60-pin I/O connector for future expansion. Built-in rechargeable batteries also power the PC-2. Uses inexpensive 2¼" cash-register type paper. Includes AC adapter/charger, paper, pens, cassette cables and manual.

26-3605 ..... **£159.00**
Printer Paper. Package of 6 rolls. **26-3606** **£1.69**
Replacement Pens. Three black. **26-1480** **£1.69**
Replacement Pens. One each: red, blue, green. **26-1481** **£1.69**

Increase PC-2 Memory With Plug-In Modules

NEW FOR 83 Low As **£39.95**

Handle Larger, More Complex Programs

Individual modules are not expandable.
4K RAM. 26-3615 ..... **£39.95**
8K RAM. 26-3616 ..... **£79.95**

Ready-to-Run PC-2 Software*

Personal Finance. Budget management, electronic chequebook, interest, and more. **26-3700** **£12.95**
Business Finance. Loans, annuities, bond price, compound interest, yield, depreciation, days and dates, and more. **26-3703** **£12.95**
PC-2 Games Pak. Sound Off, Hangman, Battleship, Football, Moonlander, Blackjack, Twister, Tic-Tac-Toe, Scratchpad. **26-3702** **£9.95**

*Avail. Nov. 30
Requires cassette recorder and printer/interface.

PC-2 Printer Carrying Case

NEW FOR 83 **£22.95**

Holds Printer (with PC-2 installed) and AC adapter/charger. Keeps pens, paper, manuals, and cassettes organized. **26-3608** ... **£22.95**
Avail Oct. 30

ALL TRS-80 PRICES ARE INCLUSIVE OF VAT

Use Only Genuine TRS-80™ Computer Accessories

TRS-80 Computer Tapes and Diskettes are Certified for Excellence

Reliability, Compatibility and Quality Are Assured

Cassette Tapes.
C-20. Leaderless. **26-301** **£2.49**
C-10. With standard leader. **26-302** **£1.29**

5¼" Diskettes.
Single-sided, soft sector, 40 track, double-density.
Single Diskette. **26-305** **£2.49**
Diskette 3-Pack. 26-405 ..... **£6.95**
Diskette 10-Pack. 26-406 ..... **£22.95**

8" Disks.
Single-sided, double-density, 77-track, soft sector.
Disk 10-Pack. **26-4906** **£29.95**

NEW! 8" Disks.
Double-sided, double-density.
Disk 10-Pack. **26-4960** Avail. Oct. 30 ..... **£49.95**

You can afford to keep extra disks handy when you buy in quantity!

Store Your Media Safely

A **Universal Binder.** Three-ring binder for cassette holders and diskette envelopes.
26-1310 ..... **£4.99**

Disk Envelopes. Convenient, safe storage.
B **5¼". 26-510** ..... **Pack of 10/£5.95**
C **8". 26-4907** ..... **Pack of 10/£6.99**

D **Cassette Holder.** Stores 6 cassettes. Fits three-ring binder. **26-1311** ..... **Pack of 2/£3.99**

E **Cassette Labels.** Smear-resistant.
26-303 Avail. Dec. 30 ..... **Pack of 100/£1.99**

F **Disk Labels.** Suitable for 5¼" disks.
26-307 Avail. Dec. 30 ..... **Pack of 50/£1.49**

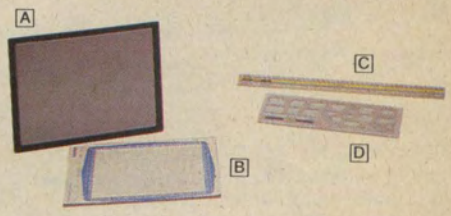
Handy Diskette Storage Boxes

Pop out easel front lets you flip through up to ten diskettes. Index visible open or closed.
A **8" Disk Storage Box.**
26-4952 ..... **£4.99**
B **5¼" Disk Storage Box.**
26-1452 ..... **£2.49**

If you have lots of disks to keep track of, our larger desktop box is for you! Each holds 50 diskettes. Index dividers for easy retrieval.

C **8" Diskette File Box.**
26-4953 ..... **£29.95**
D **5¼" Diskette File Box.**
26-1453 ..... **£22.95**

TRS-80 Programming Aids



A **Anti Glare Mask.** Reduces glare with no loss in resolution. For Models II, III and 16.
26-511 ..... **£10.95**

B **Video/Program Worksheets.** Layout sheets for Model I/III graphics.
26-2105 ..... **100 Sheets £2.49**

C **Printview Ruler.** Yellow highlight and magnifying strip. 10, 12 cpi scales. **26-1313** . **£2.39**

D **Logic Flowchart Template.** ANSI symbols, 1/10" layout grid. **26-1312** **£2.49**

Diskette Head Cleaning Kits

£19.95 Each

Helps Maintain Data Integrity

Clean drive heads easily, safely. Includes two cleaning disks, one bottle cleaning solution.
5¼" Drive Kit. 26-407 ..... **£19.95**
8" Drive Kit. 26-4909 ..... **£19.95**

Reduce Harmful Static

£4.95 ***Keep Screen Free of Smudges***

Screen Cleaner and Anti-Static Kit. Cleaning action adds anti-static protection without harming non-glare panel or CRT. Includes 50 pre-wet wipes and lint-free cotton cloth. **26-1318** **£4.95**

Anti-Static Spray. Use on carpet, etc., to eliminate problem-causing static.
26-515 ..... **£3.49**

NEW FOR 83 — Kit Avail. Oct. 30 — Spray

Deluxe Non-Glare Panel

NEW FOR 83

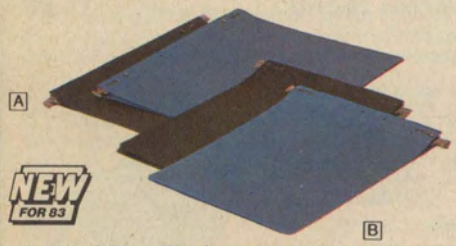
Avail. Nov. 30

£19.95

Reduces Reflection By 94 Per Cent

Optically-coated tempered glass. Helps prevent eye strain. Easily attaches to Model II, III, 16. **26-1457** **£19.95**

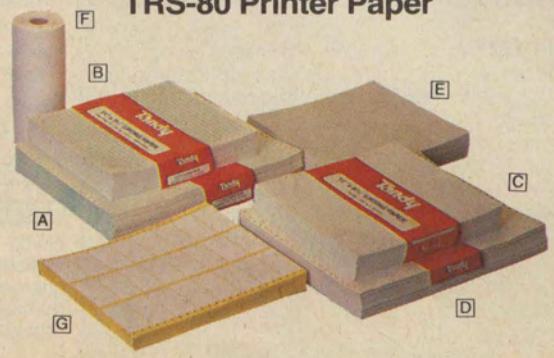
TRS-80 Data Binders



NEW FOR 83

A **14½" Data Binders.** Keep your data clean and orderly. One blue and one brown per pack.
72-7101 ..... **£6.95**
B **9½" Data Binders.** As above. Pack of 2.
72-7102 ..... **£5.95**

TRS-80 Printer Paper

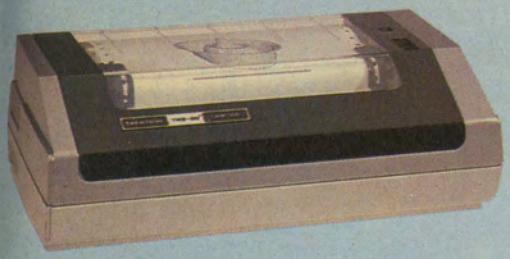


A **14½ x 11" Multi-ruled Listing Paper.** 500 sheets. **72-010** **£6.95**
14½ x 11" Multi-ruled Listing Paper. 2000 sheets. **26-9306** (Not illus.) **£24.95**
B **9 x 11" Multi-ruled Listing Paper.** 500 sheets. **72-011** **£4.95**
9 x 11" Multi-ruled Listing Paper. 2000 sheets. **26-1403** (Not illus.) **£9.95**
C **9 x 11" Plain Listing Paper.** 500 sheets. **72-012** **£4.95**
D **14½ x 11" Plain Listing Paper.** 500 sheets. **72-016** **£6.95**
E **9½ x 11" Word Processing Paper.** 500 sheets. **72-7001** Avail. Sep. 30 ..... **£6.95**
F **8½" Roll Plain Paper. 72-013** **£2.95**
G **Self Adhesive Continuous Labels, 3 Up.** Pack of 2000. **72-017** **£6.95**

SOME COMPUTER ITEMS MAY REQUIRE SPECIAL ORDER AT SOME STORES

Accessories to Make Your TRS-80 Even More Versatile

Low Cost, Fully-Adjustable Dot-Matrix Printer



£249
(Inc. V.A.T.)

NEW FOR 83

- *Produces High-Density Graphics Printouts*
- *50 CPS - Faster Than Ever At This Low Price!*

DMP-100. Gives you detailed printouts of Colour Computer screen displays (with optional screen print program). Prints 5 x 7 dot-matrix upper and lower case characters on an 8" line, with underline. Select 10 characters per inch (80 columns at 27 lines per minute) or expanded at 5 cpi (40 columns). Adjustable tractor, 4½ to 9½" one-ply fan-fold paper. Serial and parallel interface for any TRS-80. 5 5/16 x 16 x 8¼". Includes ribbon cartridge.
26-1253 ..... **£249.00**

Incredibly-Priced Four-Colour Graphic Printer

NEW FOR 83

£149
(Inc. V.A.T.)

Serial and Parallel Interfaces – Use With Any TRS-80

- *Ultra-Compact Size*
- *Uses Replaceable Ink Cartridges*

CGP-115. Create beautiful graphics in red, blue, green and black, plus print alphanumerics. Built-in commands simplify drawing and plotting. Text mode prints 40 or 80 characters per line at 12 characters/sec. Software controls additional character sizes and rotation. Graphics resolution: 0.2 mm/step. Plotting range: X-axis – 3¾", Y-axis – no limit. Uses standard 4½"-wide roll paper. 2 15/16 x 8¼ x 8½". **26-1192** **£149.00**

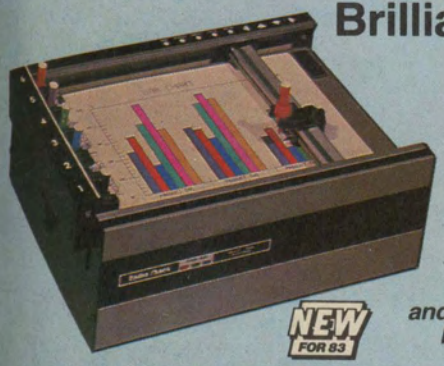
Printer Accessories

DMP-100/CGP-115 Cables
For Model III. 26-1401 ..... £14.95
For Colour Computer. 26-3020 ..... £1.99

DMP-100 Supplies
Ribbon **26-1424** £4.99

CGP-115 Supplies
Roll Paper. **26-1428** ..... **Pack of 3/£3.99**
Black Pens. **26-1480** ..... **Pack of 3/£1.69**
Coloured Pens. One each: red, blue, green.
26-1481 ..... £1.69

Impressive Graphics in Six Brilliant Colours!



Let Colour Add A Vivid New Dimension to Presentations

£1399
(Inc. V.A.T.)

NEW FOR 83

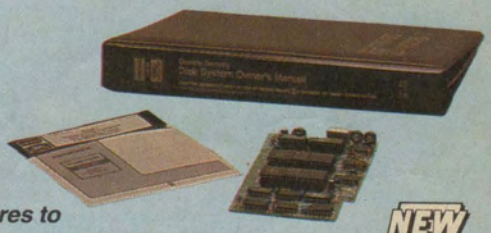
Produce Colourful Line and Pie Charts, Bar Graphs, Designs and Much More!

TRS-80 Multi-Pen Plotter. Creates sophisticated charts and graphs. Prints upper and lower case alphanumerics in nine sizes, too. Plot size: 7x9¼". Resolution: 200 increments/inch. Includes disk software to draw, save and recall designs. RS-232 interface. 6x13½x10½".
26-1191 ..... **£1399.00**

Double Density Disk Kit for Model I

£129*
(Inc. V.A.T.)

- *Increases Disk Storage Capacity*
- *Add Model III Features to Model I*



NEW FOR 83

TRS-80 Model I Double Density Disk Kit. Add Model III's TRSDOS operating system to your Model I, after installation into interface, Model I software can still be used. 35 track discs increase capacity of 84,000 to 152,000 characters. Kit includes operating system manual, adapter and double density TRSDOS operating system diskette.
26-1143 ..... **£129.00**

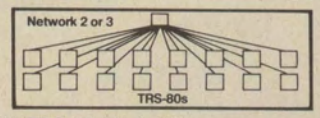
***Price does not include required installation.**

NEW! Cables and Accessories

Cat. No.	Cables and Accessories	Price
26-1490	10' Moulded RS-232 Cable	17.95
26-1491	25' Moulded RS-232 Cable	24.95
26-1492	50' Moulded RS-232 Cable	34.95
26-1493	100' Moulded RS-232 Cable	59.95
26-1494	5' Colour Computer to Network III	9.95
26-1495	RS-232 Cable Extender	14.95
26-1496	Null Modem Adapter	14.95
26-1497	Model III RS-232 Extender	11.95

NEW! – Network 3 Controller!

£429
(Inc. V.A.T.)



The Network 3 connects up to 16 TRS-80 Model III student stations to a host Model III. The Network 3 system software gives each student station access to the host computer's disk drives and attached printer. Each student station can SAVE and LOAD programs directly to and from the host, and LLIST and LPRINT to the host printer. (Printer access requests are "spooled" at the host until the printer is free.) Files on the host diskette can be directly manipulated from student stations, allowing automatic student record keeping. System software and special Network 3 cables and adapters will be available separately. Minimum Student Station – 16K Model III with Model III BASIC and RS-232 board. Minimum Host System – Model III 32K disk system (printer optional).
Avail. Nov. 1 **26-1212** **£429.00**

Network 2 Controller

£349
(Inc. V.A.T.)

Lets teachers up and down-load programs to TRS-80 student stations. Requires Model I or III "host" computer with disk drive and up to 16 Model I or III stations, or a Colour Computer (with disk) "host" and up to 16 Colour Computer stations. Controllers can be cascaded to connect more stations. With cables. **26-1211** **£349.00**

ALL TRS-80™ MICROCOMPUTER PRICES INCLUDE V.A.T.

TRS-80® Printers for Business or Personal Needs

The Versatile DMP-200

£499 (Inc. VAT)

NEW FOR 83

Available 15th December

- *8-Inch Line*
- *Bi-Directional* • *Adjustable Tractor*
- *120 cps at 10 cpi* • *44 Full Lines per Minute*

Eight-inch line prints 80 columns at 10 pitch, 132 characters at 16.7. Features selectable parallel and serial interfaces (600/1200 baud). Prints original plus two copies. Also accepts 8½" roll paper. Line feed in 1/6, 1/8, 1/72 increments. On/Off Line, Restart and Paper Feed controls. Power-On indicator. 5 x 16½ x 13½".

26-1254 ..... **£499.00**

Feature-Packed Dot-Matrix Printers

- *Built-In Graphics Capability at No Extra Cost*
- *Bi-Directional Logic-Seeking 9-Wire Print Heads*
- *Print Lower-Case Descenders and True Underlines*

These three new dot-matrix printers offer incredible versatility and value. Each one includes a Word Processing mode to emulate Daisy Wheel features. Includes proportionally-spaced correspondence character sets, backspacing, bold face and underlined characters, superscripts and subscripts. A Bit Image (dot addressable) mode allows impressive graphics, and a Data Processing mode provides for most efficient computer output. Elongation mode doubles character size. All use cut sheets or standard fanfold paper with the adjustable tractor feed. Mode and pitch and switch or software selectable.

GENERAL SPECIFICATIONS. Character Set: 96 ASCII, 32 special and 30 block graphics characters. **Print Density:** 10, 12 or 16.7 characters per inch (cpi) in either a 9 x 9 or 15 x 9 dot matrix. **Resolution:** 60 dots per inch at 10 cpi; 72 dots per inch at 12 cpi; and 100 dots per inch at 16.7 cpi. **Buffer:** 2K RAM. See each printer description for specific features.

All-Business, Hard-Working DMP-500

NEW FOR 83

£1099 (Inc. VAT)

Available 15th December

- *13.2-Inch Line*
- *Lowest Price Ever for High Performance Heavy Duty Design*
- *High-Speed - 220 cps*

Ideal for business use. Prints 78 132-column lines per minute. Removable tractor adjusts from 4" to 15". Line feed in 1/6, 1/8, 1/72, 1/216 increments. Paper Feed and Form Feed controls. On-Line indicator. Parallel interface. 7 11/16 x 24 5/8 x 15 7/8".

26-1252 ..... **£1099.00**

Affordable, High-Performance DMP-400

£699 (Inc. VAT)

NEW FOR 83

- *13.2-Inch Line*
- *Prints 140 cps at 10 cpi*
- *52 Full Lines per Minute*

Selectable parallel and serial interfaces (600/1200 baud). Prints original plus two copies. Line feed in 1/6, 1/8, 1/72, 1/216 increments. Adjustable, removable tractor. Paper Feed and Form Feed controls. On-Line indicator. 4 11/16 x 15 3/8 x 11". **26-1251** **£699.00**

TRS-80 Word Processing Printers for Executive-Quality Correspondence

The Cost-Effective DWP-410 Daisy Wheel

£999 (Inc. VAT)

NEW FOR 83

- *Ideal for Use With SCRIPSIT™ Word Processing*
- *Selectable Print Densities*

Print "letter-perfect" originals at over 300 words per minute, up to 163 characters per line. Switch selectable print densities (10 or 12 cpi, or proportional pitch). Nominal 25-30 cps. Interchangeable 124-character print wheels snap in easily for different type faces. 15-inch platten. Comes with Courier 10 print wheel and carbon ribbon cartridge. 8 x 23 x 13". **26-1250** **£999.00**

Bi-Directional Tractor Feed. 26-1459 ..... **£129.00**

The Popular Daisy Wheel II Printer

£1299 (Inc. VAT)

- *Prints Over 500 Words per Minute*
- *Crisp, Clean "Electric Typewriter Look"*

High-speed "letter-quality" printer! Interchangeable print wheels let you print with style. Switch selectable print densities - 10 or 12 cpi or proportional spacing. Nominal 43-45 cps. 15-inch platten. With Courier 10 print wheel and carbon ribbon. 8 x 24¼ x 15½". **26-1158** **£1299.00**

Bi-Directional Tractor Feed. 26-1447 ..... **£159.00**

RIBBONS AND SUPPLIES FOR ALL TRS-80 PRINTERS ARE AVAILABLE AT YOUR NEARBY TANDY STORE

Update Your Business With a TRS-80™ Model II System

Powerful Model II—Your Best Buy in a Desktop Business Microcomputer

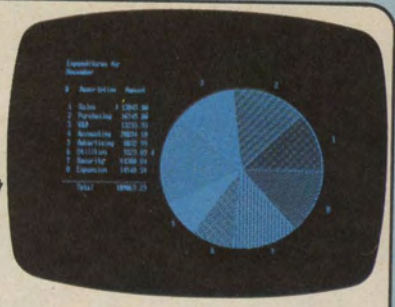
£2699 (Inc. VAT)

- *64,000 Character Internal Memory*
- *Built-In 8" Double Density Disk*
- *Growing Library of Applications Software*

The TRS-80 Model II is our fastest and most powerful microcomputer. The compact desktop unit includes a built-in 8" disk drive with 416,000 characters of storage for programs and data, a high resolution 12" video monitor that displays 24 lines of 80 upper and lower case characters per line, and a detachable keyboard with a 12-key data-pad for fast numerical entry. A comprehensive reference manual accompanies the very powerful disk-based Model II BASIC language and TRSDOS™ disk operating system. A wide variety of ready-to-run software puts you in business fast. Expand with additional disk storage, printers and much more. **26-4002** **£2699.00**
Dust Cover. 26-4051 ..... **£4.99**

High Resolution Model II Graphics

£399 (Inc. VAT) NEW FOR 83



- *Paint Styling - Fills in Spaces Between Lines With a Variety of Patterns*
- *Line Styling - Draws Lines in Variety of Styles With One BASIC Statement*
- *Independent Graphics Memory Can Overlay Text in Regular Video Memory*
- *Easy to Use - Graphics BASIC Included*
- *Has Library of Assembly Language Sub-Routines for Use With Other Languages*
- *153,000 Picture Elements (640 x 240)*
- *Unlimited Uses - Turns the Model II Video Display Into a "Graphic Blackboard"*

Now Tandy's TRS-80 Model II Graphics Option with our new Graphics BASIC language lets you use your Model II's video display screen as a "sketch pad" for the creation of whatever designs you may need. The result can be sophisticated tables, charts, graphs, illustrations, geometric patterns, maps and more. Your designs will be executed with fine detail, since the screen is composed of 153,000 picture elements, or "pixels"! That's 640 points horizontally by 240 points vertically. Using the "paint styling" mode you can easily and rapidly fill in broad areas of the screen and you can use a variety of patterns. With the "line styling" mode, you have "point-to-point" graphics options that let you draw any line at any angle with just one BASIC statement! If you already know TRS-80 Model II BASIC, Graphic BASIC will be a snap because uou need to learn only eleven new commands! Their power is incredible. For example, by incorporating them into a BASIC program, you can create animation and motion! **Model II Graphics Option. 26-4104** **£399.00***

* Price does not include required installation.

8.4 Megabyte TRS-80 Hard Disk System

NEW FOR 83

£3199 (Inc. VAT)

- *Extremely Fast Access to Over 8 Million Bytes of Data*
- *Compatible with Most Existing TRS-80 Model II Software*
- *Easily Add Up to Three More Hard Disk Systems for Over 33 Million Characters of On-Line Data and Program Storage*
- *Uses All Currently Available TRSDOS Library Commands, Plus Enhanced Features Designed Specifically for the Hard Disk System*

Our Hard Disk System adds over 8.4 milllion bytes of storage to your Model II microcomputer. Winchester technology assures reliable, fast trasfer. Expand with up to three "secondary" Hard Disk Drives for over 33 megabytes of storage. Most Model II programs transfer directly to hard disk. Uses all current TRSDOS library commands, plus new utilities. Installation required—not included.

26-4150 ..... £3199.00*
26-4151. Secondary Hard Disk £2499.00*

* Price does not include required installation.

Store More Data With A Disk Expansion Unit

From **£999** (Inc. VAT)

- *Expand Your Model II Storage to 2 Million Characters*

For added disk storage, just plug in an external Disk Expansion Unit—available with one, two or three drives. Each individual drive adds about 486,000 bytes of on-line storage. Added drives let you use our SCRIPSIT™ Word Processing program to print form letters and names from our Profile II programs.

1-Drive Expansion System 26-4160 ..... **£999.00**
2-Drive Expansion System 26-4161 ..... **£1499.00**
3-Drive Expansion System 26-4162 ..... **£1999.00**

Model II System Desk

- *Easily Assembled*

£349 (Inc. VAT)

Contemporary style Model II Systems Desk, with drawer. Assembled size 27 × 47 × 27".

26-9051 ..... £349.00

NEW FOR 83

ALL TRS-80 PRICES ARE INCLUSIVE OF V.A.T.

New Low Prices on Tandy TRS-80 Model III Desktop Business Computers

48K 2-Disk
£1699.00 (Inc. V.A.T.)

48K 1-Disk
£1399.00 (Inc. V.A.T.)

- ***Most Affordable Business TRS-80 • Compact Design***
- ***Choose One or Two Built-In Mini-Disk Drives***
- ***Printer Interface • Add Ready-to-Run Software***

Model III Desktop Computer. This is the ideal personal computer for the busy manager. With our ready-to-run business software, Model III can streamline your working day. Use it for word processing (with an optional printer), electronic filing, time management, forecasting and planning, and more. Features double-density mini-disk drives that add up to 328K of on-line data storage. Expand with the new Model III Hard Disk System or two more external floppy disk drives for even more storage. Just add a modem and cable to the RS-232C Serial Interface to communicate with other computers over phone lines. Comes with Disk BASIC and TRSDOS operating system, owner's manual and comprehensive programming manual. 12½ x 18⅞ x 21½".

48K 2-Disk. 26-1066 ..... **£1699.00**

48K 1-Disk. As above, but without RS-232C.
26-1065 ..... **£1399.00**

New! Hard Disk System for Model III/I

Primary Drive
£1849.00 (Inc. V.A.T.)

Secondary Drive
£1499.00 (Inc. V.A.T.)

- ***High-Speed Access to 5 Million Characters of Stored Data***
- ***Add Up to 3 Secondary Units For 20 Megabytes Total Storage***
- ***Compatible With Most Existing Model I and III Software***

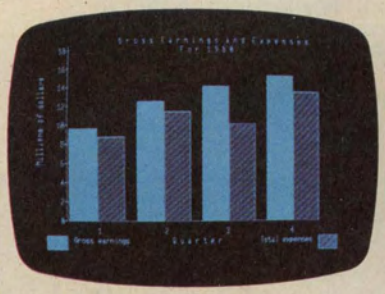
Ideal for large business applications like inventory control or electronic filing. Advanced Winchester technology assures reliable and fast data access. Existing programs transfer easily to hard disk , and most can be executed immediately. The operating system enhances familiar TRSDOS commands and includes print spooling, the ability to read and update diskette files, and much more. Files can be as large as the available space on the drive. BACKUP utility allows selection of files modified since last backup and allows backup of large files to multiple diskettes.

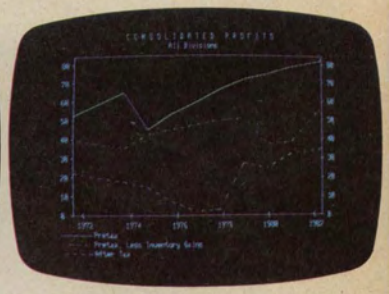
Primary Drive. Includes Hard Disk Operating System with BASIC and manual. **26-1130** Avail. Nov. 30 ..... **£1849.00**

***Secondary Drive. 26-1131** Avail. Nov. 30 ..... **£1499.00**

***Model I Adapter Kit.** Includes adapter, cable and diskettes. Requires Expansion Interface, 32K memory, and Disk BASIC.
26-1132 Avail. Nov. 30 ..... **£29.95**

New! Model III High-Resolution Graphics





- ***For Business, Engineering or Entertainment***
- ***153,600 Pixels (640 x 240) • Easy-to-Use Graphics BASIC***
- ***Assembly Language Subroutines for Use With Other Languages***
- ***Quickly Draws Lines and Fills in the Spaces***

Turn your Model III video display into a "sketch pad" to create sophisticated business tables, charts, maps, graphs, illustrations, geometric patterns and more. Includes memory board with 32,000 characters of memory, manual and diskette. Requires 48K 2-Disk Model III only.
***26-1125** Avail. Dec. 30th **£259.00**

Model III Disk Drives

Increase the disk storage of your Model III computer.

***Disk Drive Kit 1.** Internal. Includes TRSDOS Disk BASIC and manual. **26-1162** **£599.00**
***Disk Drive Kit 2.** Internal. **26-1163** **£299.00**
Disk Drives 3 & 4. External.
26-1164 ..... **Each £369.00**

* Installation Required (not included)

SOME COMPUTER ITEMS MAY REQUIRE SPECIAL ORDER AT MOST STORES

Model III Disk Software — Especially for Managers

Word Processing

NEW! SuperSCRIPSIT™. I/III [C] Our most powerful word processing program for Model I and III! Prepare and edit memos, letters and reports right on the video screen, then print as many correction-free originals as you need. Features include proportional-spaced printing, multiple line spacing (including half-space), multiple paragraph formats within documents, underline, double underline, boldface, super and subscript, multiple columns, "help" facility, and more. Ten user-defined keys - each commanding up to 127 pre-defined keystrokes - can be used to recall frequently used words, phrases or commands. Includes training manual and audio cassette course with reference manual.
26-1590 ..... **£129.00**

SCRIPSIT™. I/III [A] Our standard, disk-based word-processing program.
26-1563 ..... **£69.95**

SCRIPSIT Spelling Dictionary. I*/III [B] Quickly and automatically checks your SCRIPSIT or SuperSCRIPSIT documents for spelling errors, highlighting any words that fail to match its 73,000-entry dictionary (34,000 with Model I). Add words of your own, too. **26-1591** **£99.95**

Data Base Management

Profile™ III Plus. III [D] Our most versatile electronic filing program. Stores up to 700 records on a 2-disk data base, 2400 with 4 disks. Create 99 fields per record. High speed access using up to 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Tailor five data entry screens to match your needs. Prints custom reports and mailing labels. Merges with VisiCalc and SuperSCRIPSIT. **26-1592.** Avail. Nov. 15 ..... **£129.00**

Profile. I/III [A] Our popular, original filing program. **26-1562** **£79.95**

Versafile. I/III [A] Our simplest, low-cost system. **26-1604** **£19.95**

Invoicing. III [D] This system is especially designed for use separately or in conjunction with the Sales Ledger III. **26-9529** **£169.95**

Financial Planning, Forecasting and Analysis

Enhanced VisiCalc. III [C] Creates an "electronic" columnar pad. Enter your figures and formulas for calculation. VisiCalc will do all the maths. Change any value and every related number is updated instantly. Enhancements include formula editor, plus logical comparison operators. **26-1569** **£119.95**

VisiCalc. I [A] Standard version. Model I. **26-1566** **£69.95**

Desktop/Plan™-80. III [C] Guides you from model development to final printed reports. Consolidates sub-models. Interfaces with VisiCalc. **26-1594** **£129.00**

Disk Software For TRS-80 Model III

Time Recording. [D] Provides accountants, solicitors, engineers and other professionals with a comprehensive ledger and work in progress recording system.
26-7105 ..... **£499.00**

Nominal Ledger. [D] Up to 300 account headings covering four sections being assets, liabilities, income and expenditure. Features: transaction register, cash disbursements, trial balance, profit and loss account, balance sheets and audit trail.
26-9536 ..... **£195.00**

Inventory Control I. I/III [B] . **26-1553** **£69.95**

Purchase Ledger. [D] Up to 250 supplier accounts and 2200 transactions per disk. Will handle up to six supplier disks for each accounting period. **26-9534** **£195.00**

Sales Ledger. [D] Allows use of up to 6 customers per disk for each accounting period. Features: statements, debtor reports, monthly VAT analysis, sales day book, cash/journal day book, name and address printing and audit trails. **26-9535** . **£195.00**

Payroll [D] For handling hourly, weekly, two, three and four weekly and monthly paid staff. 400 staff per disk and up to 10 departments. Keeps 54 items of information for every employee. **26-9532** **£195.00**

Tandy Writer. I/III [D] A comprehensive mailing database system in its own right which will also link to our SCRIPSIT word processing program. **26-9542** **£159.00**

Manufacturing Inventory Control. I/III [B] . **26-1559** **£129.00**

Stock Control. [D] Handles up to 1000 items per disk. Provides comprehensive information on each stock item. **26-9541** **£195.00**

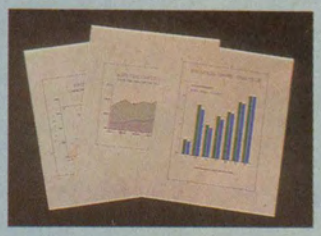
TRS-80 Manager Series Helps You Manage Your Business Day

- *Easy-to-Use - No Computer Programming Needed*
- *Keep Accurate Track of Priorities and Expenses*
- *Manage Information on Personnel, Customers, Prospects, Projects and Clients*
- *Create Charts of Time, Tasks and Resources*
- *Quickly Transfer Information Between Programs*

Time Manager™. I/III [D] A personal calendar/reminder and electronic notebook. Helps you organize your time and business information, plus create permanent records. Automatically prepares a "to do" list that transfers uncompleted items to the next day. Searches for appointments, phone calls, etc. by keyword or category. Totals hours, job costs, business expenses. **26-1582** . **£69.95**

Personnel Manager™. I/III [D] Organizes information on business contacts, clients and employees - including schedules and salaries. Files can be searched for a specific person, company, product or service by pre-determined categories. Prepare lists by selected categories, too. **26-1581** **£69.95**

Project Manager™. I/III [D] Graphically displays a project several ways for evaluation and scheduling. View by time, sequence, personnel, materials or resources. See effects of changes quickly and accurately. Important dates appear on Time Manager calendar.
26-1580 Avail. Jan. 30 ..... **£69.95**



New! Business Graphics Analysis Pak

III [D] Present your information visually. Allows easy creation and editing of pie, bar, line or scatter charts. Use with most TRS-80 printer and 6-pen plotter.
26-1597 Avail. Oct. 30th..... **£119.00**

Disk Games

ZORK™. Explore an exciting fantasy world! Survive on your wits and courage in an alternate universe of mystery, monsters and magic.
Model III. III [A] **26-1951** **£29.95**
Model I. I [A] **26-1950** **£29.95**

XENOS™. I/III [A] Explore a deserted town searching for the alien force that has taken over! **26-1955** **£16.95**

Advanced Programming Languages/Aids

COBOL. I/III [D] **26-2203** **£129.00**
Compiler BASIC. I/III [D] **26-2204** **£99.95**
FORTRAN. III [D] **26-2200** **£69.95**
FORTRAN. I [B] **26-2201** **£69.95**
Editor/Assembler, Series I. I/III [A] **26-2013** **£24.95**

Programming Courses

Model III BASIC Course. III [B] Eight self-paced lessons on diskettes that teach you to program. **26-2010** **£19.95**

Model III Disk Course. III [B] Four self-paced lessons covering Disk BASIC and TRSDOS. **26-2014** **£19.95**

Hardware Requirements for Disk Programs

I = TRS-80 Model I only
III = Model III only
I/III = Model I and III

[A] 32K 1-Disk System
[B] 32K 2-Disk System
[C] 48K 1-Disk System
[D] 48K 2-Disk System

* Requires 3-Disk System on Model I with SuperSCRIPSIT.

Let Tandy® TRS-80™ Take Care Of Your Business

Expansion covers simulate disk drives

Start Computing With The Affordable TRS-80 Model III

4K Level I BASIC £499.00 (Inc. V.A.T.)

16K Model III BASIC £699.00 (Inc. V.A.T.)

- *Compact, Self-Contained Desktop Unit*
- *Huge Library of Ready-to-Run Software*
- *65-Key Keyboard With 12-Key Datapad*
- *High-Resolution 12" Monitor*
- *Displays 16 Lines of 64 Characters*
- *Printer Interface* • *Expands Easily*

4K Level I BASIC. The affordable personal computer that's perfect for beginners – it's easy to use and hard to outgrow! Features 4000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays crisp upper case characters. Expand later with Model III BASIC and more memory (up to 48K), a printer and up to four disk drives – two internal and two external! With an optional cassette recorder, you can use ready-to-run programs from our huge software library or write your own programs in Level I BASIC. Floating decimal point, 6-digit numerical accuracy, single-dimension arrays, and more. Easy-to-use manual helps you learn programming.
26-1061 ..... **£499.00**

16K Model III BASIC. For more features, accuracy and computing power, start with 16K memory and advanced Model III BASIC. Get all the features above, plus 32 or 64 upper and lower case characters per line, repeating keys, a real time clock, and fast 1500-baud and 500-baud (to use most TRS-80 Model I, Level II programs) cassette loading. There's 16-digit accuracy, multi-dimension arrays, a program line editor, and more. Model III can easily expand into our powerful desktop business computer! Includes owners manual and entertaining "Getting Started with TRS-80 BASIC" manual.
26-1062 ..... **£699.00**

Expand Model III as Your Needs Increase

16K RAM Kit. Add more memory to your Model III. Up to 48K of internal memory with additional kits. **26-1102** **£24.95**

Model III BASIC ROM and 16K RAM Kit. Upgrade 4K Level I to 16K RAM, plus advanced Model III BASIC language. **26-1121** **£225.00**

RS-232C Serial Interface Kit. Lets you use serial devices, such as a modem to communicate with other computers over the phone. Includes cable.
26-1148 ..... **£79.95**

Computer upgrade kit prices do not include installation charges.

CCR-81 Computer Recorder

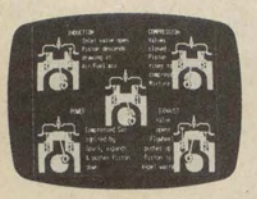
NEW FOR 83

Store Programs And Data On Cassettes

£39.95

Designed for Model III, Colour Computer or Pocket Computer. Cable included. Mains operation or 4 "C" batteries (not included).
26-1208 ..... **£39.95**

Model I High Resolution Graphics



£179.00

NEW FOR 83

- *Increases Resolution*

TRS-80 Model I high resolution graphics. Increases resolution twelve times. Allows you to program your own characters. No extra RAM required.
26-9800 ..... **£179.00**

Price does not include required installation.

Model III Desks and Stands

Low as £49.95
Computers and printers not included

£189.95

- *Attractive*
- *Sturdy*

A **Space-Saver Desk.** Low-cost for home or school. Unassembled. 27x37¾x23¾".
26-1307 ..... **£49.95**

B **System Desk.** Contemporary style for office use. Unassembled. 27x48x27".
26-1305 ..... **£189.95**

TRS-80 Model III Cover

£3.99

Durable vinyl with reinforced stitching.
26-506 ..... **£3.99**

Model III Reference Books

Getting Started With TRS-80 BASIC. Ideal for beginners. 300 pages. **26-2107** **£3.95**

Model III Disk System Owner's Manual.
26-2111 ..... **£3.95**

Model III Reference Manual. 26-2112 ..... **£3.95**

Model III Technical Reference Manual.
26-2109 ..... **£3.95**

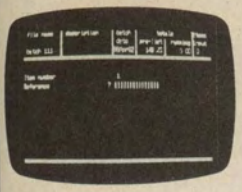
Model III "Starter" System

£1002.90 **Complete System Price**

This system is perfect for hundreds of uses – from education to engineering to entertainment. Features the 16K TRS-80 Model III (26-1062), CCR-81 Computer Cassette Recorder (26-1208), DMP-100 Printer (26-1253) and Printer Cable (26-1401).

ALL TRS-80 MICROCOMPUTER PRICES ARE INCLUSIVE OF VAT!

Low-Cost Cassette Software for TRS-80 Model III/I



Personal and Financial

The Tandy® VAT Recorder. The VAT Recorder is a cassette or disk-based system that enables traders, businessmen, book-keepers or accountants, to keep VAT records in an orderly manner in such a way that the quarterly (or monthly), VAT returns (VAT 100) can be filled in easily. (Model III BASIC). **26-7102** **£39.95**

In-Memory Information. Computerized card filing system. (16K Level II or Model III BASIC required). **26-1508** **£14.95**

Entertainment

Space Warp. Find and destroy space aliens! (I or II) **26-1912** **£8.95**

Paddle Pinball. Fast action! Audio amplifier optional (II). **26-1914** **£6.95**

NEW Bedlam. Experience weird adventures as you try to escape from an insane asylum! (II). **26-1917** **£9.95**

"Quick Watson". (I or II). **26-1802** **£3.29**

Haunted House. (I or II). **26-1910** **£7.95**

Microchess. (4K Level I – Model I only, or II). **26-1901** **£13.95**

Dancing Demon. (II, audio amplifier.) **26-1911** **£6.95**

Gammon Gambler. (II.) **26-1916** **£13.95**

Flying Saucers. (I or II.) **26-1905** **£5.95**

Invasion Force. (II.) **26-1906** **£11.95**

Pyramid. (II.) **26-1909** **£9.95**

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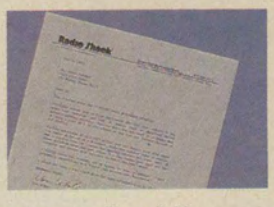

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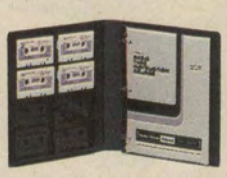

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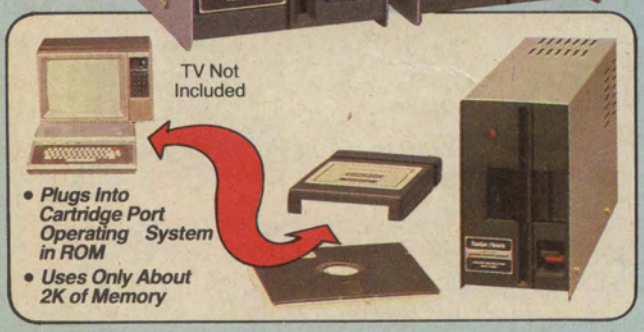

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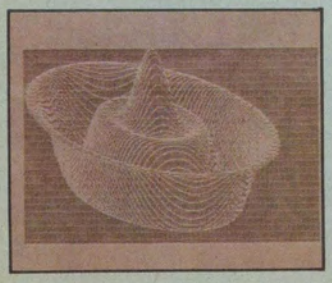

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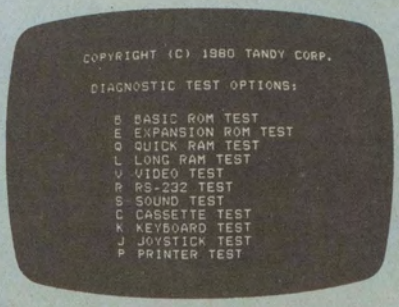

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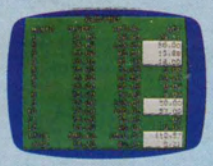

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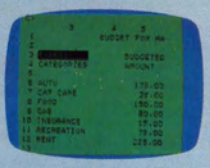

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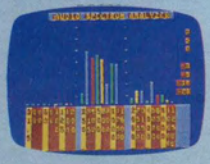

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